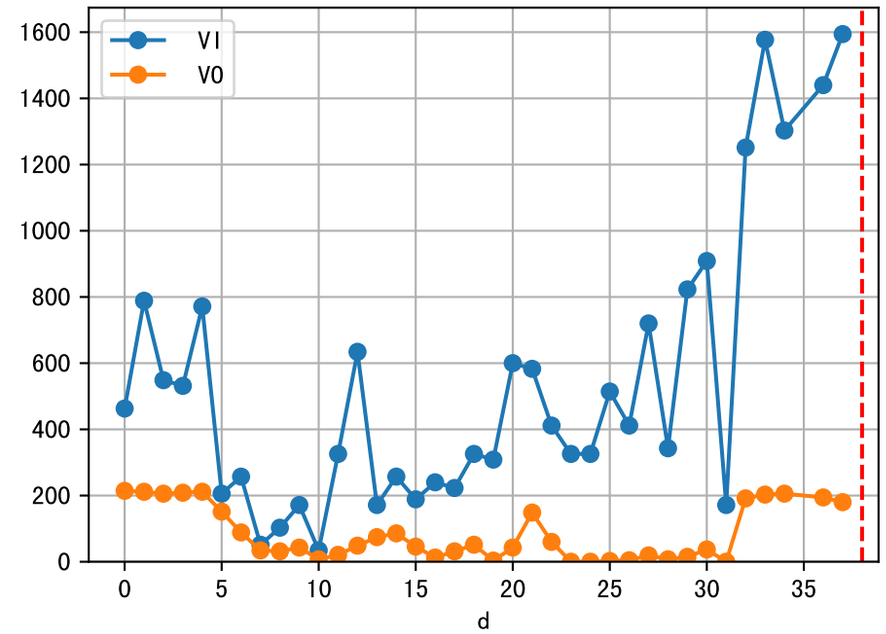
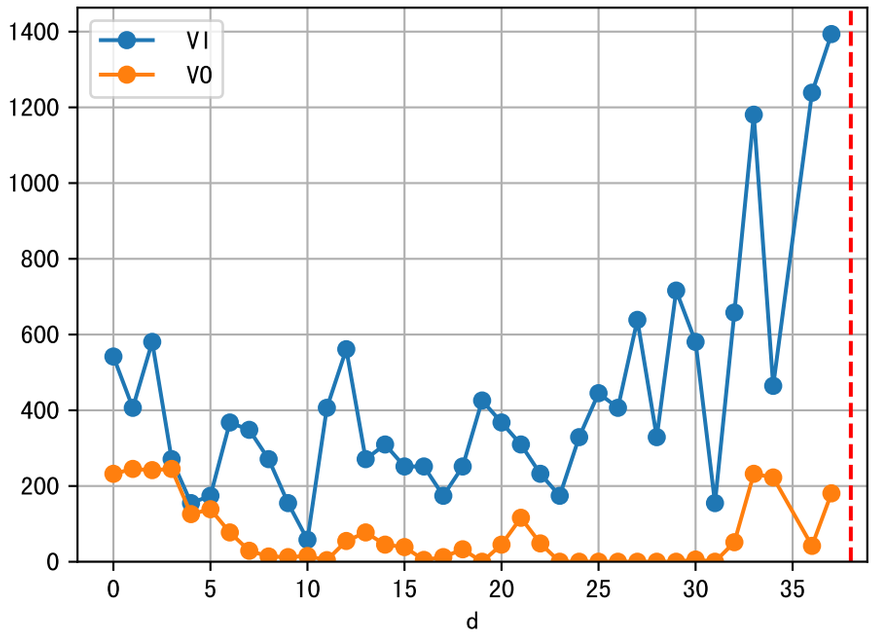
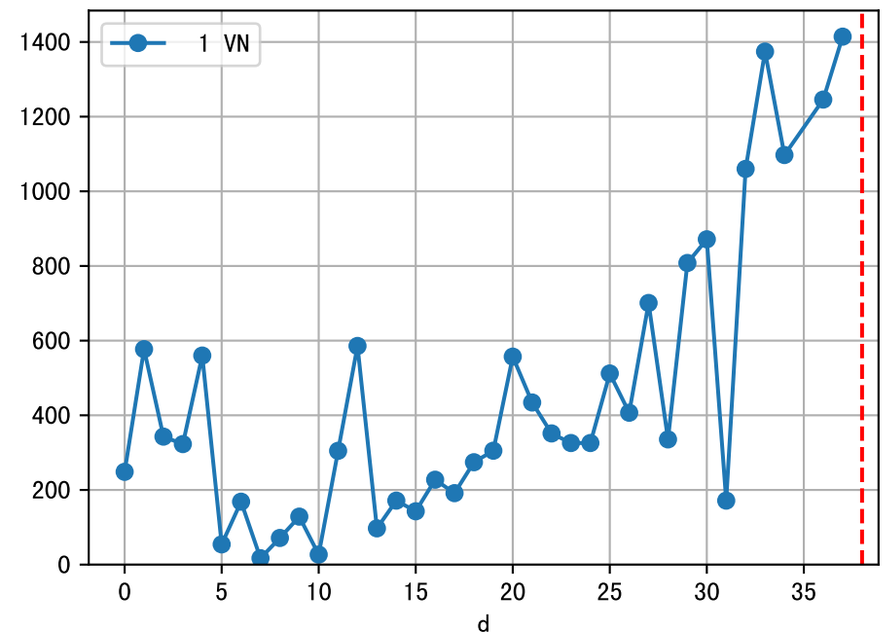
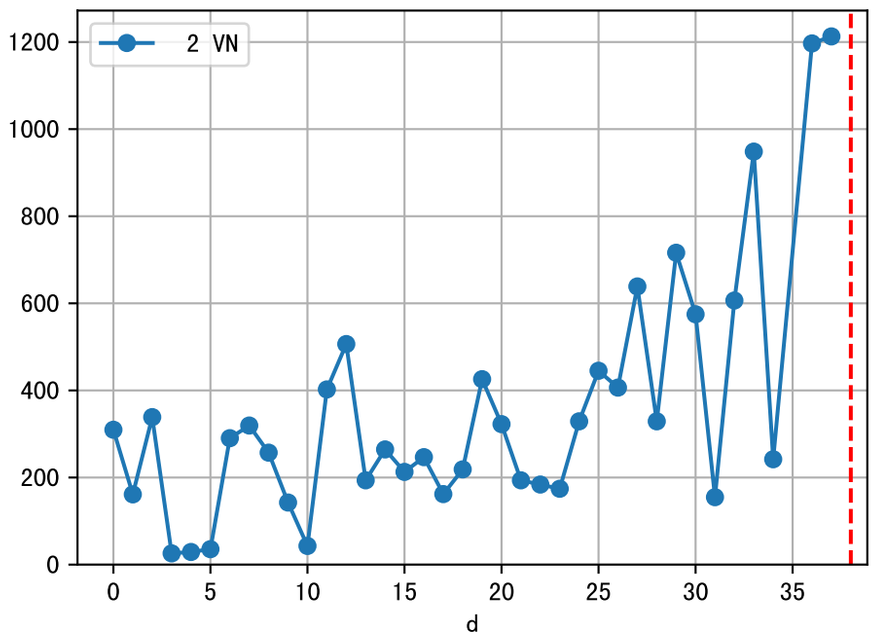
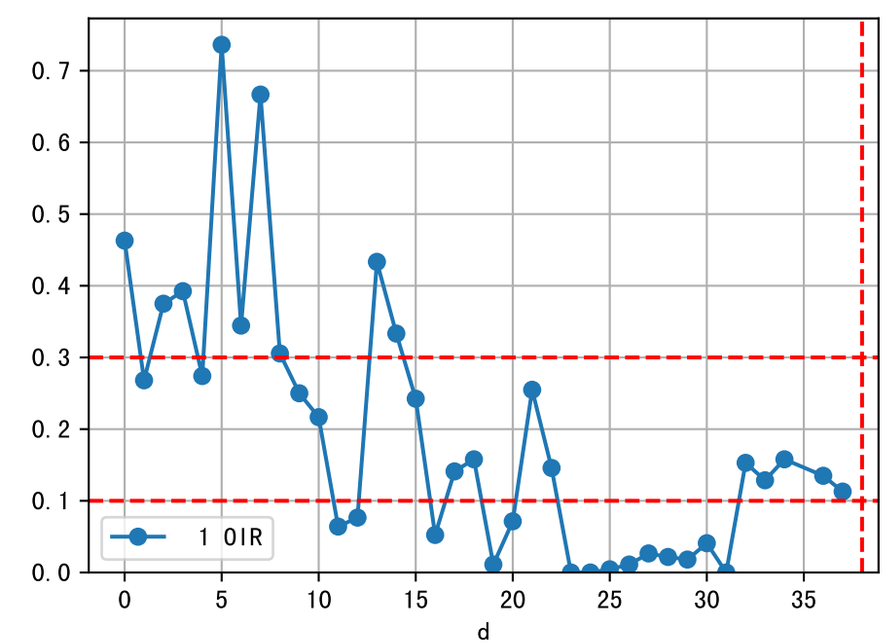
FgArea: ['0']
NC11 P5
2025-05-12 (Day 38)

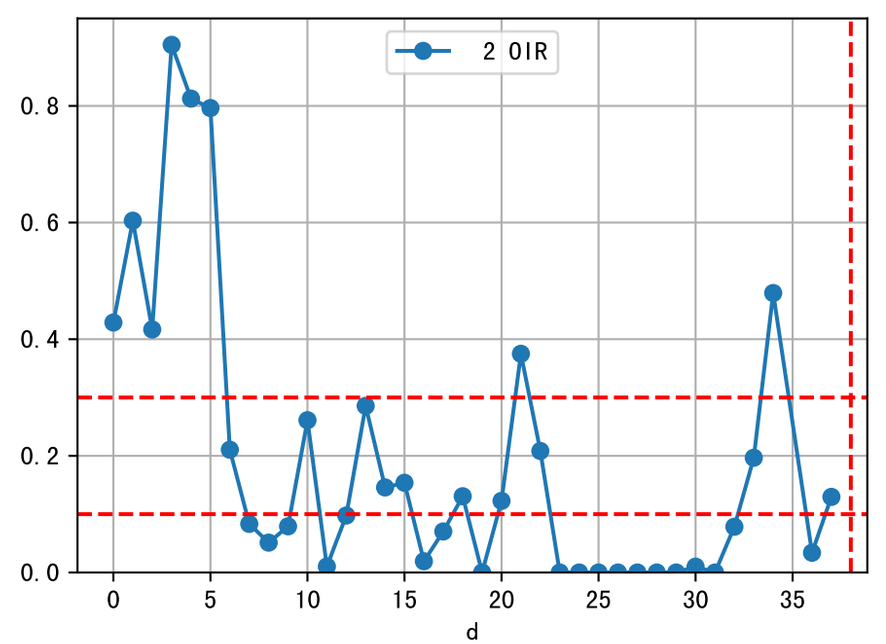

VI
VO
d

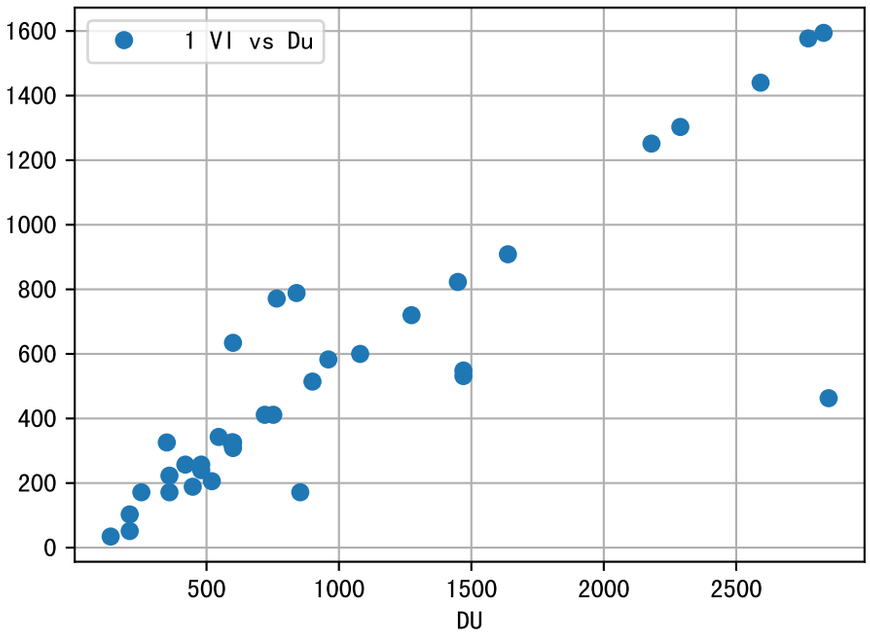

VI
VO
d

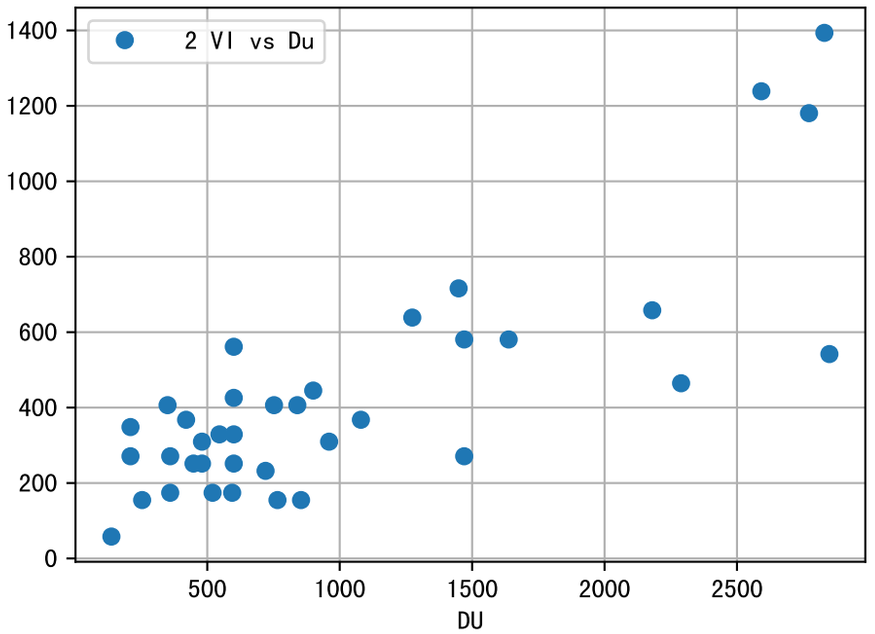

1 VN
d

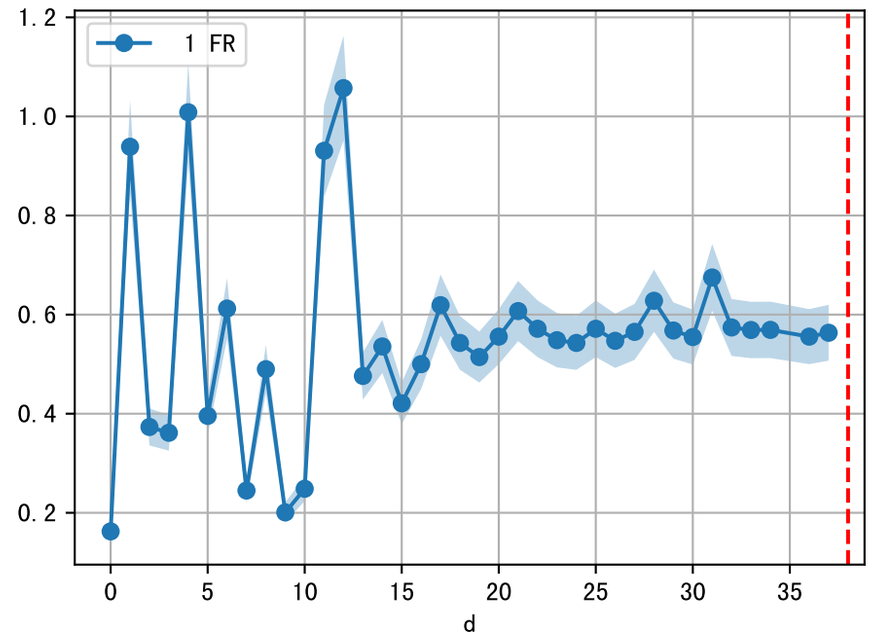

2 VN
d

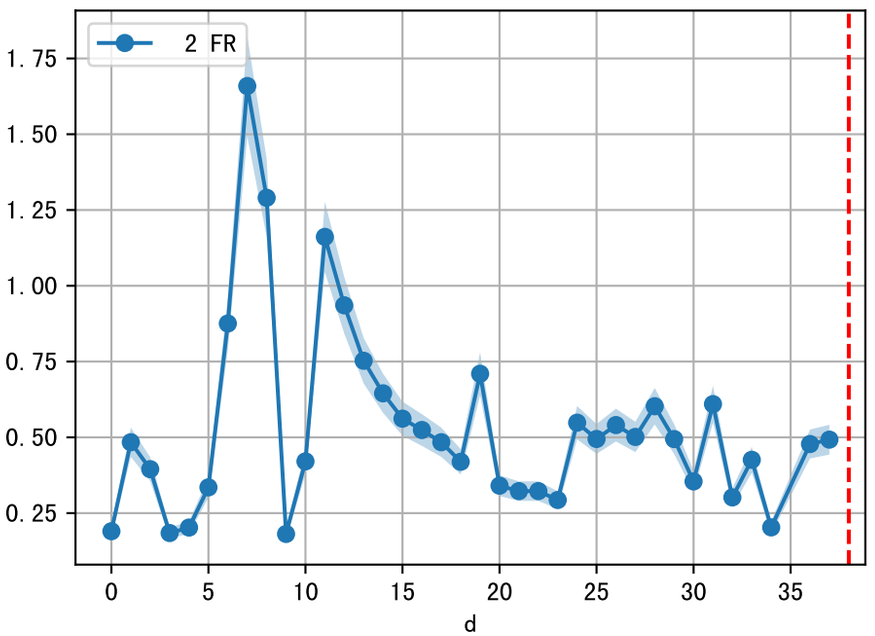

1 OIR
d

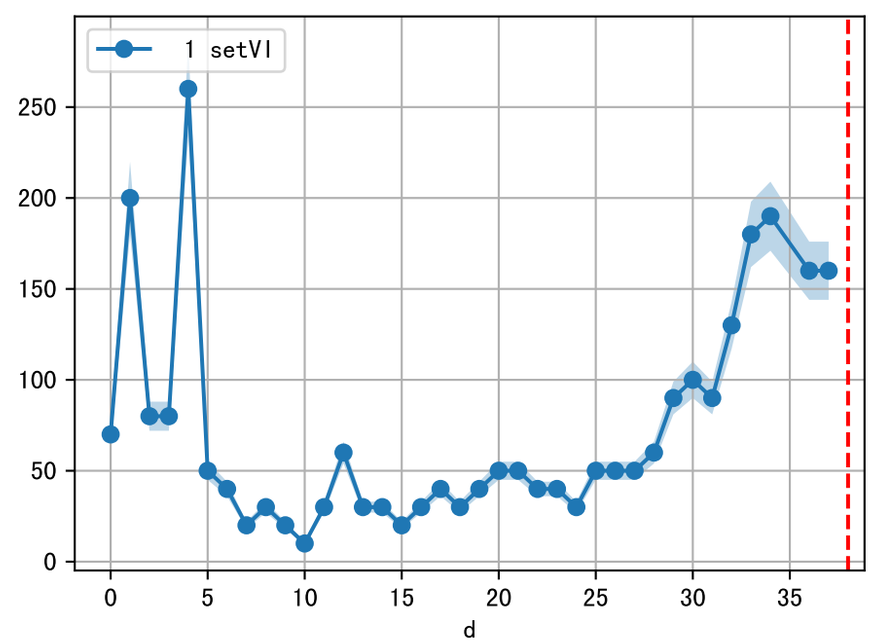

2 OIR
d

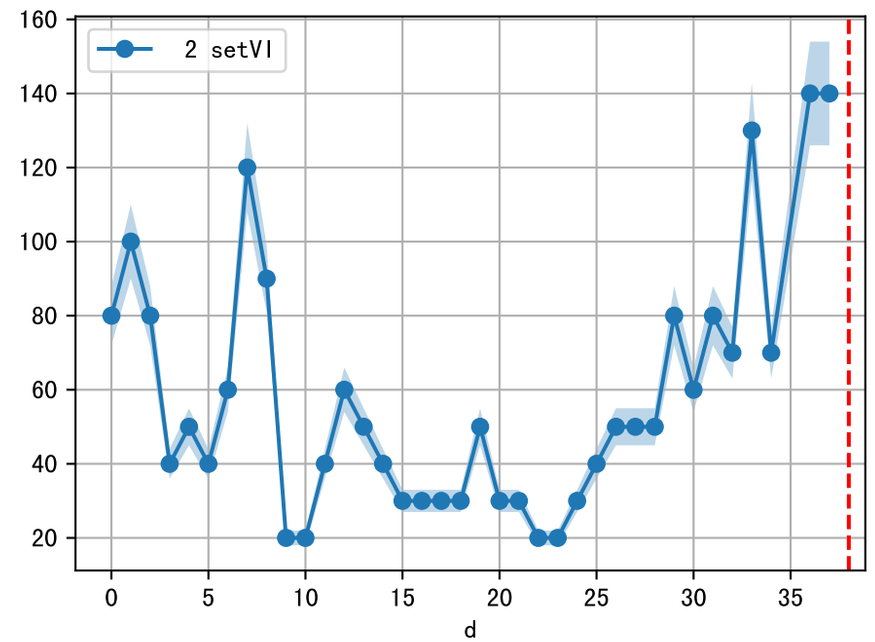

1 VI vs Du
DU

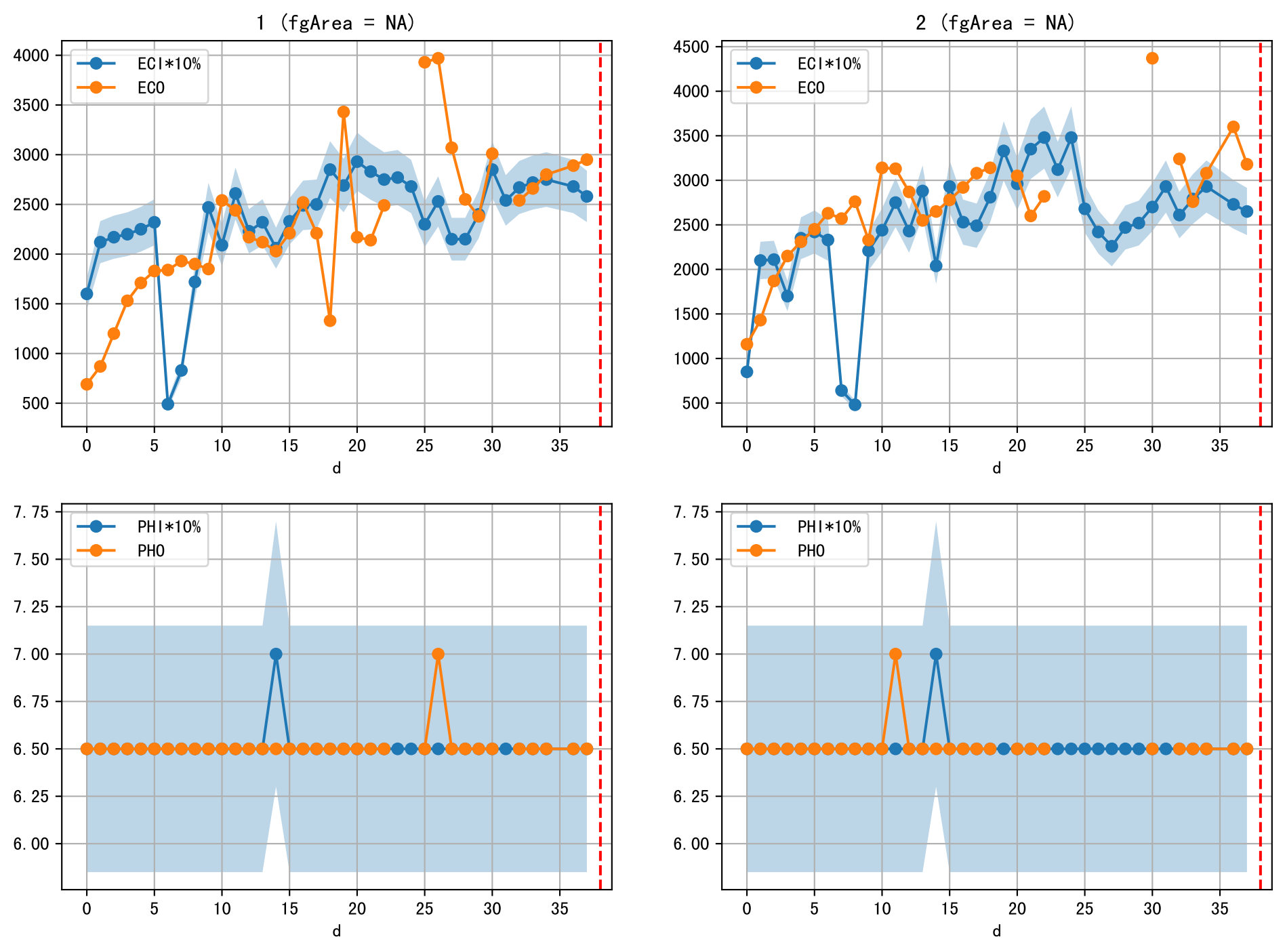

2 VI vs Du
DU

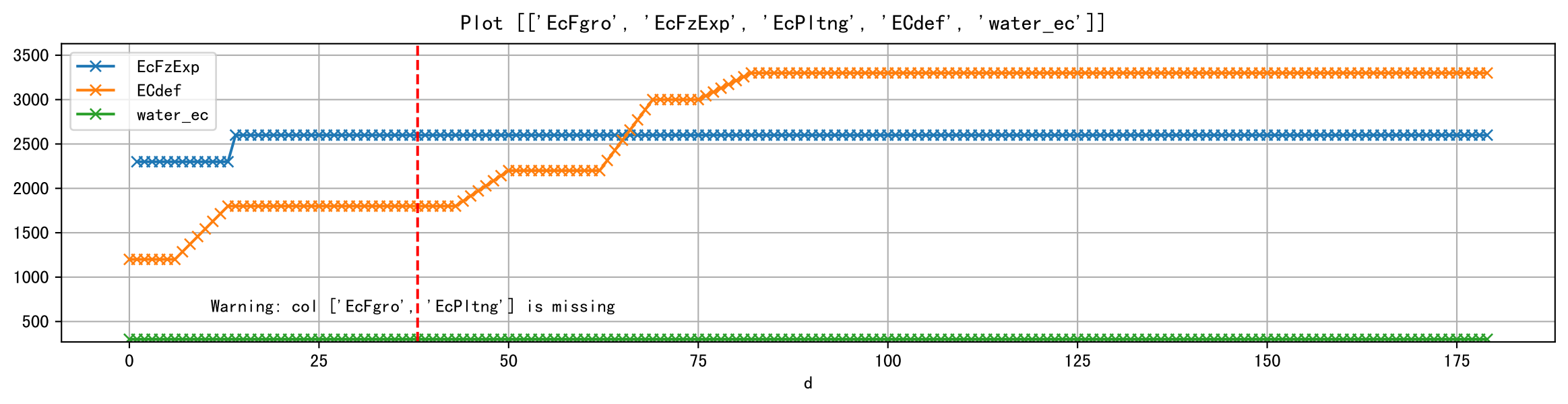

1 FR
d

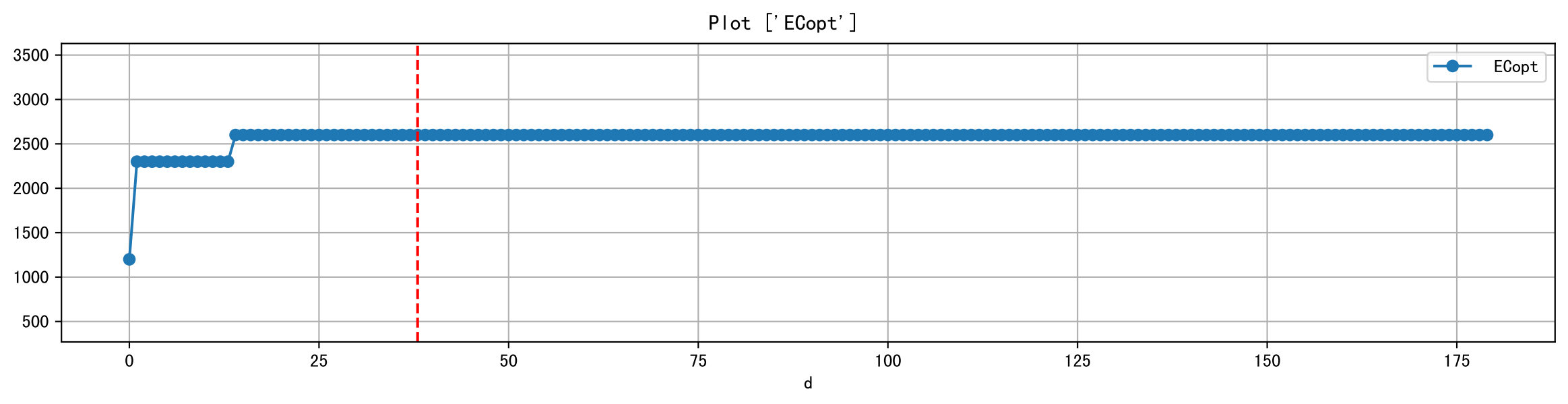

2 FR
d


1 setVI
d


2 setVI
d

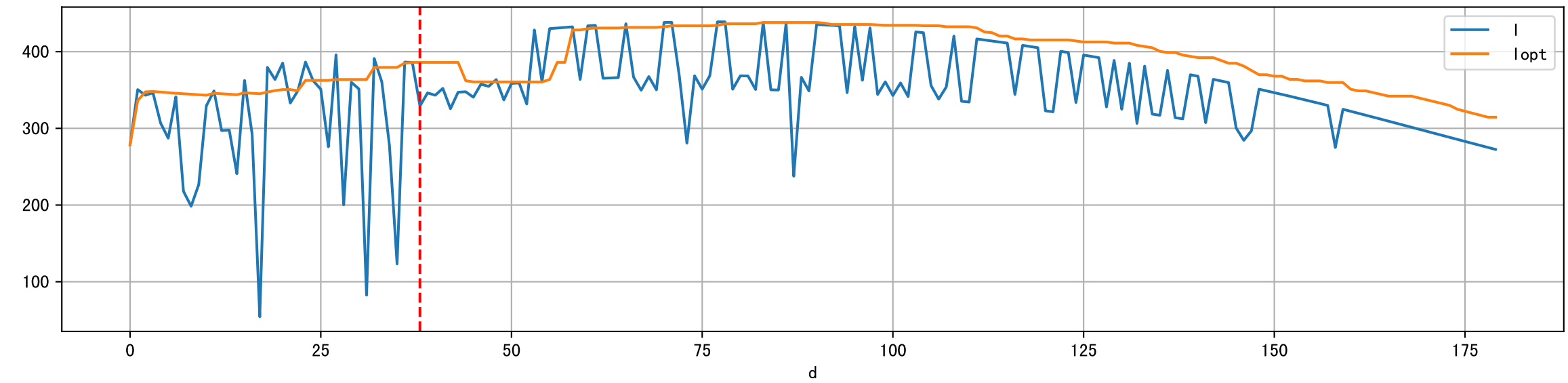

1 (fgArea = NA)
ECI*10%
ECO
d
2 (fgArea = NA)
ECI*10%
ECO
d
PHI*10%
PHO
d
PHI*10%
PHO
d

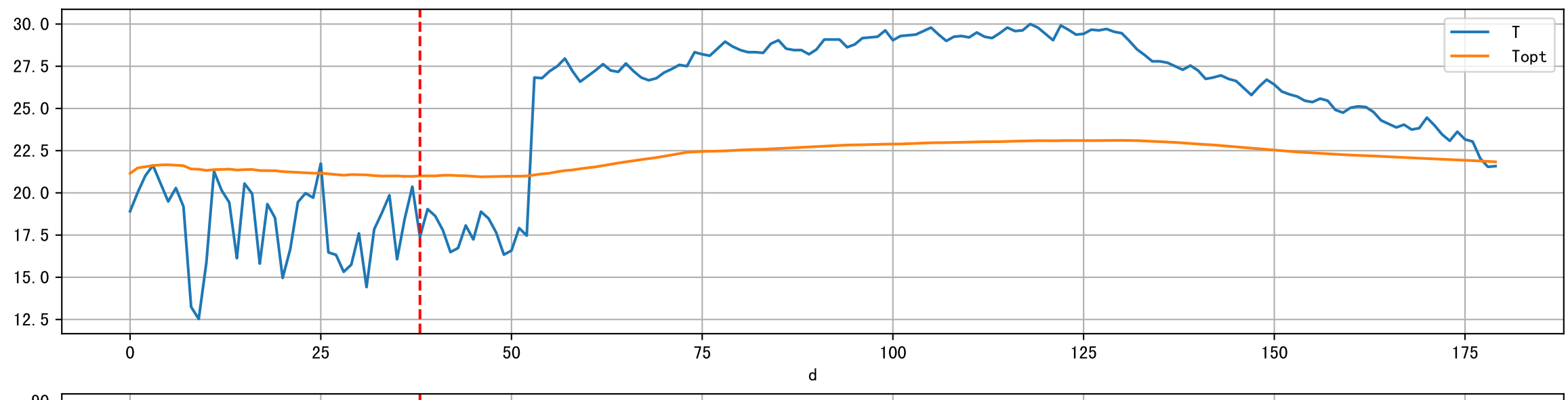

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

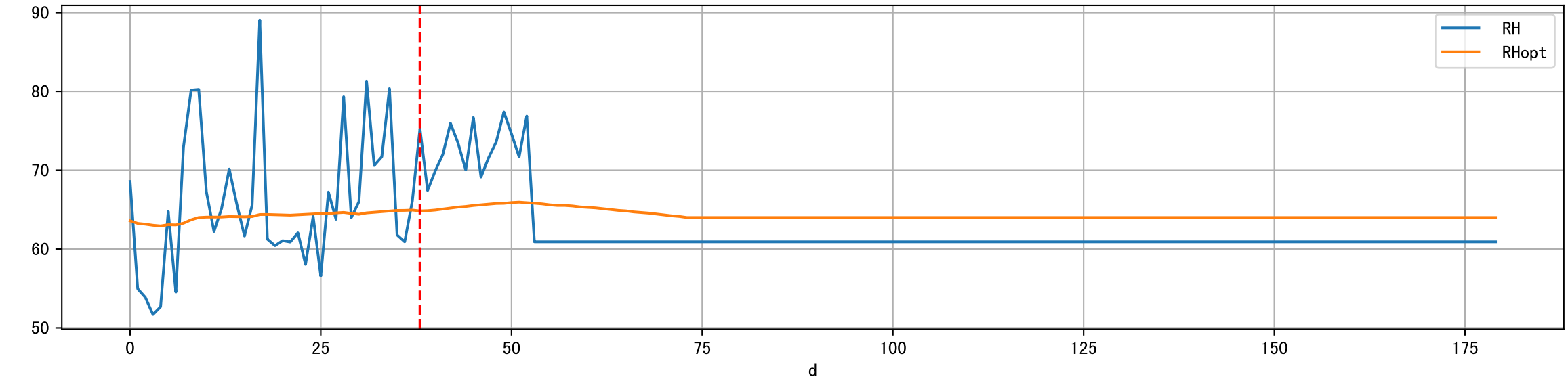

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

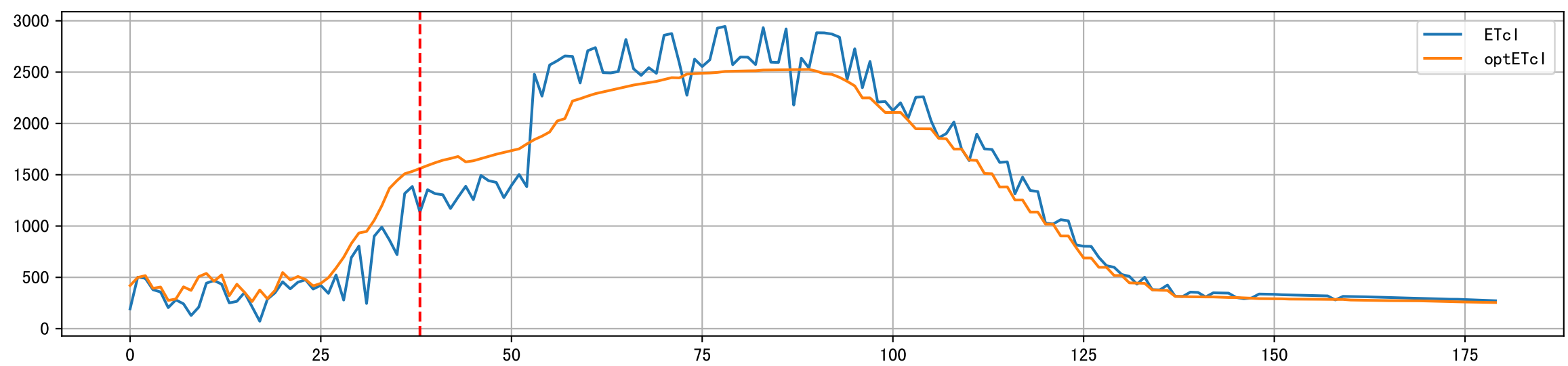
Plot Sensor and FgRec Data

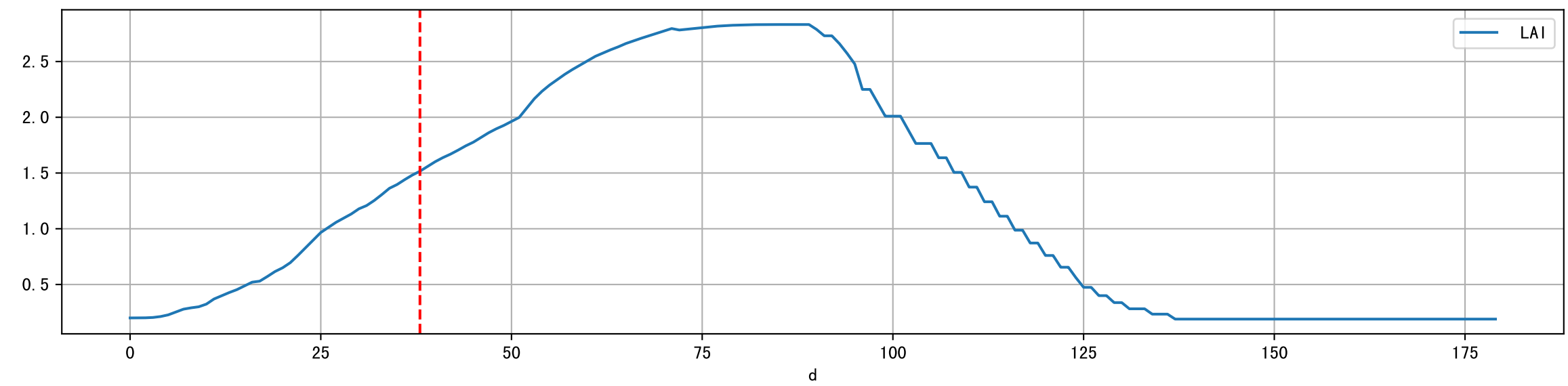
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

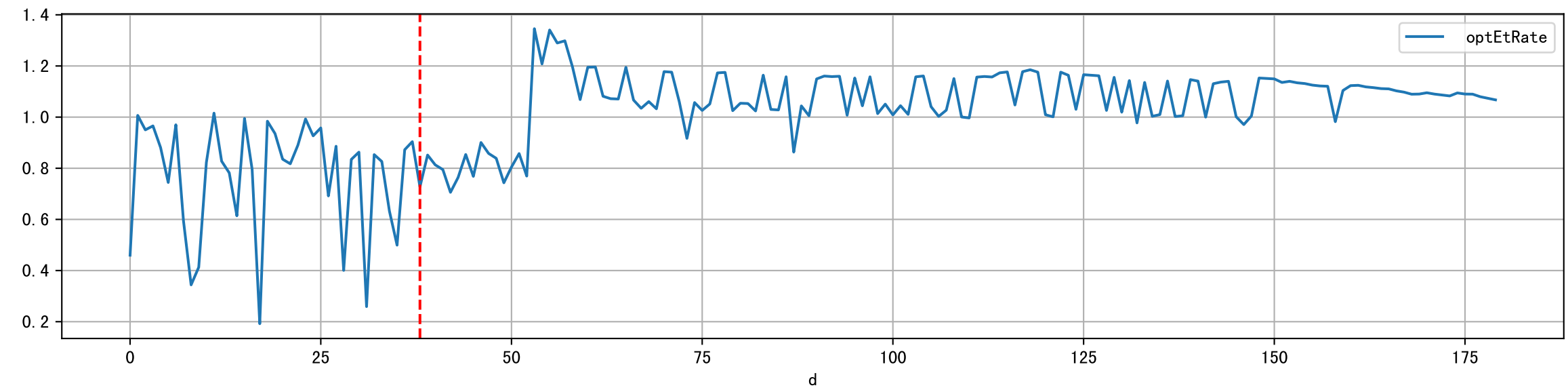


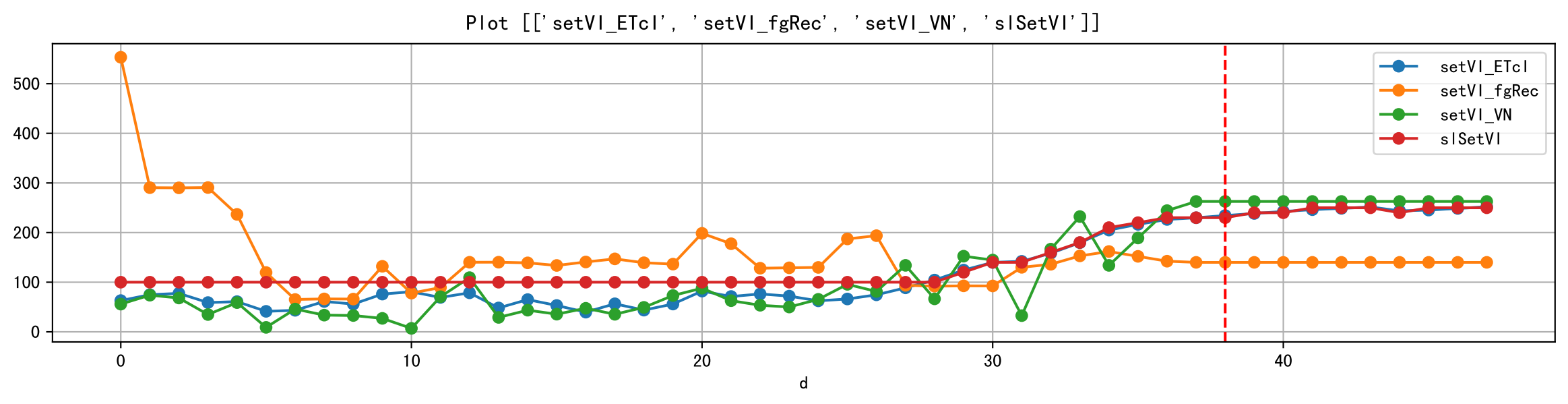


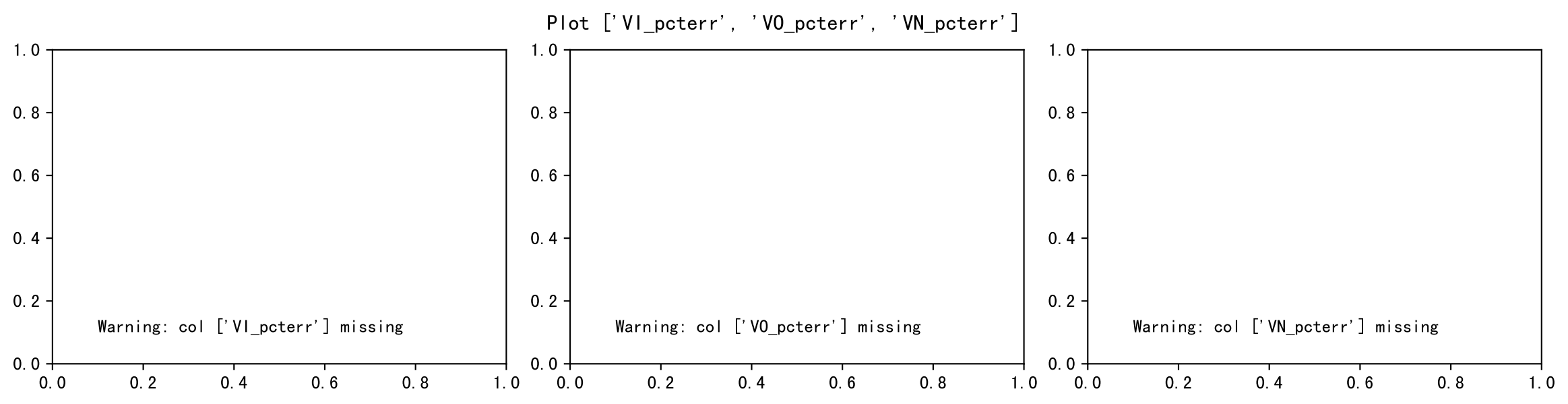


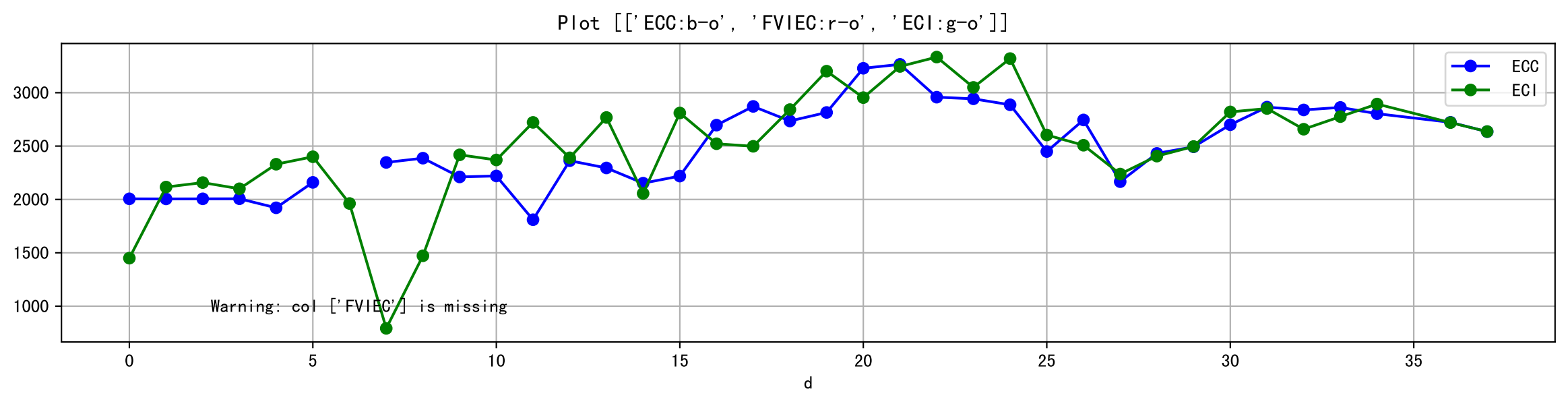


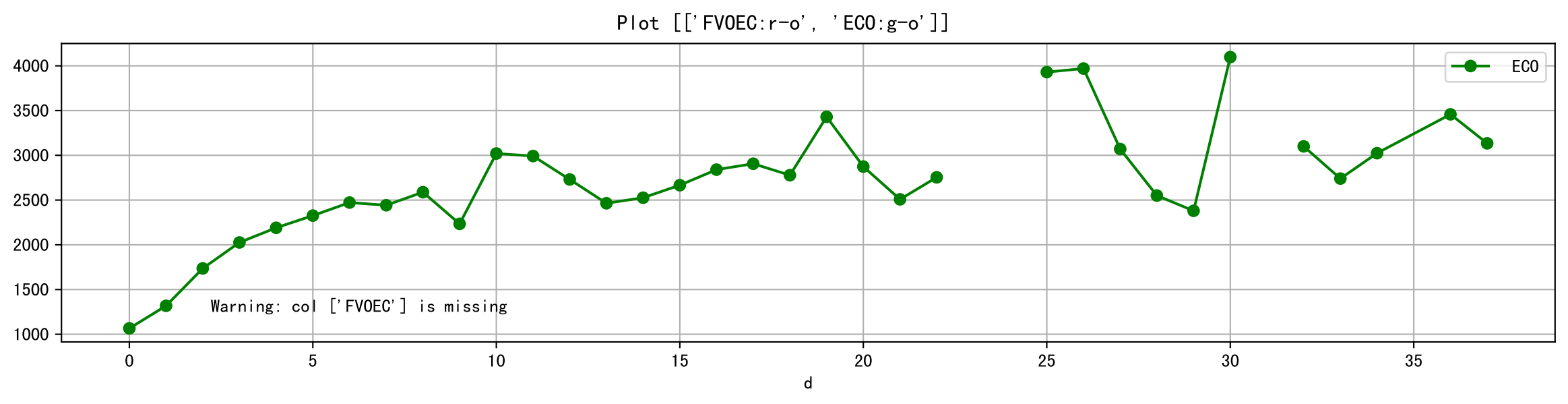


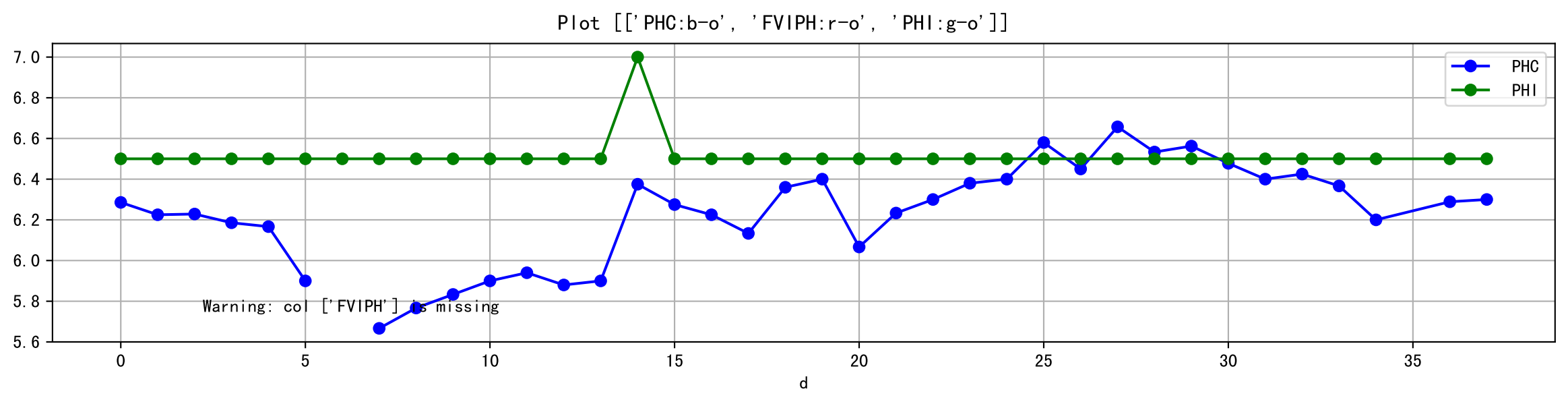


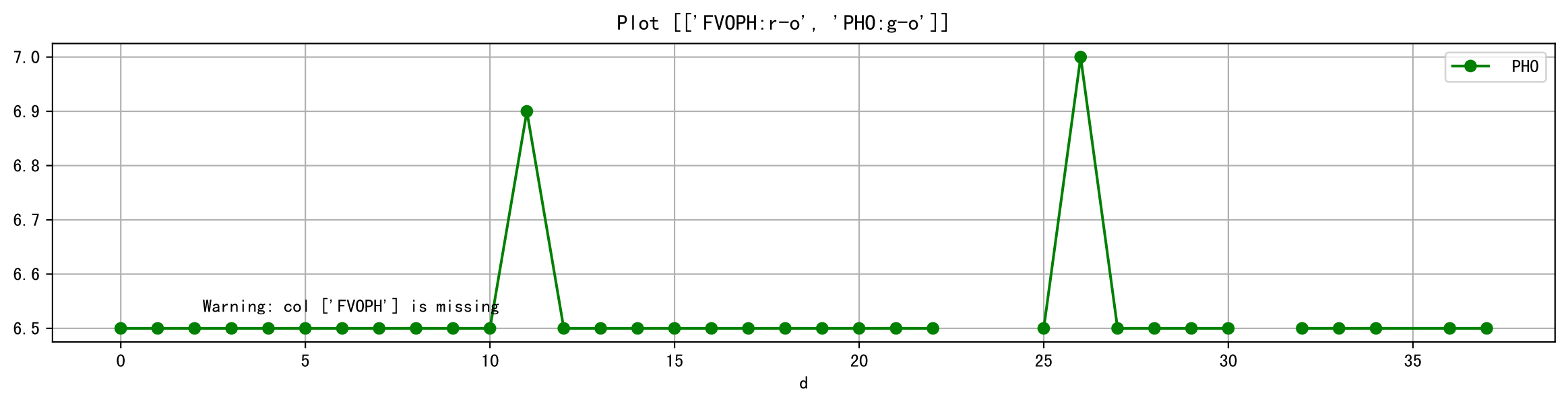

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
500
400
300
200
100
0
0
10
20
30
40
d

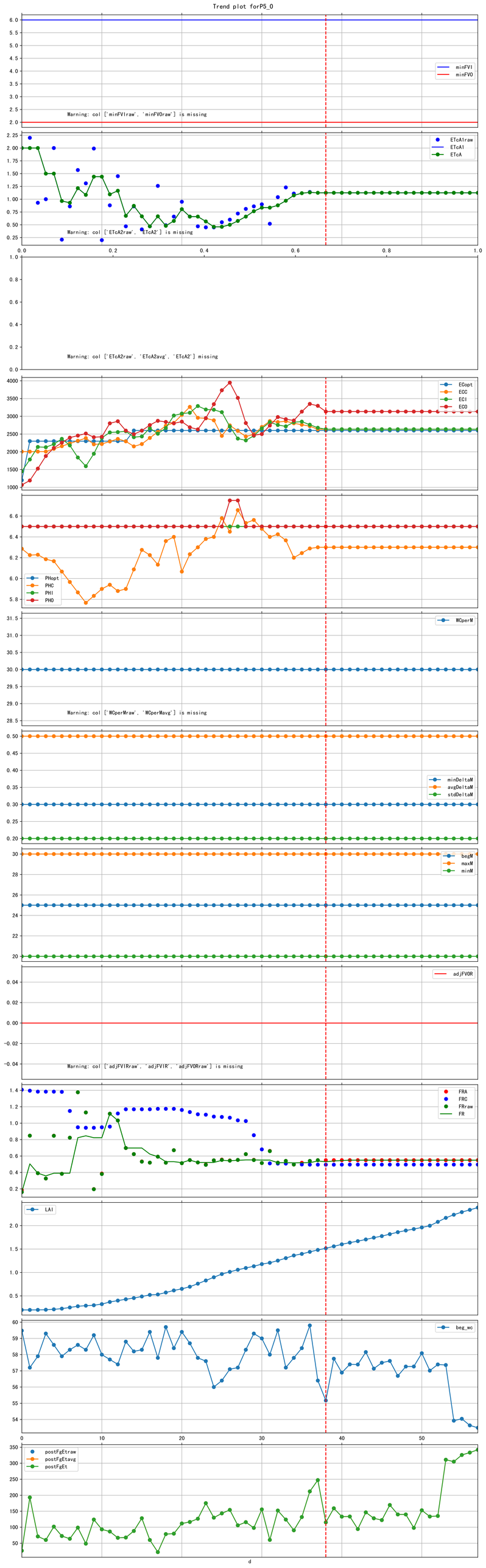

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

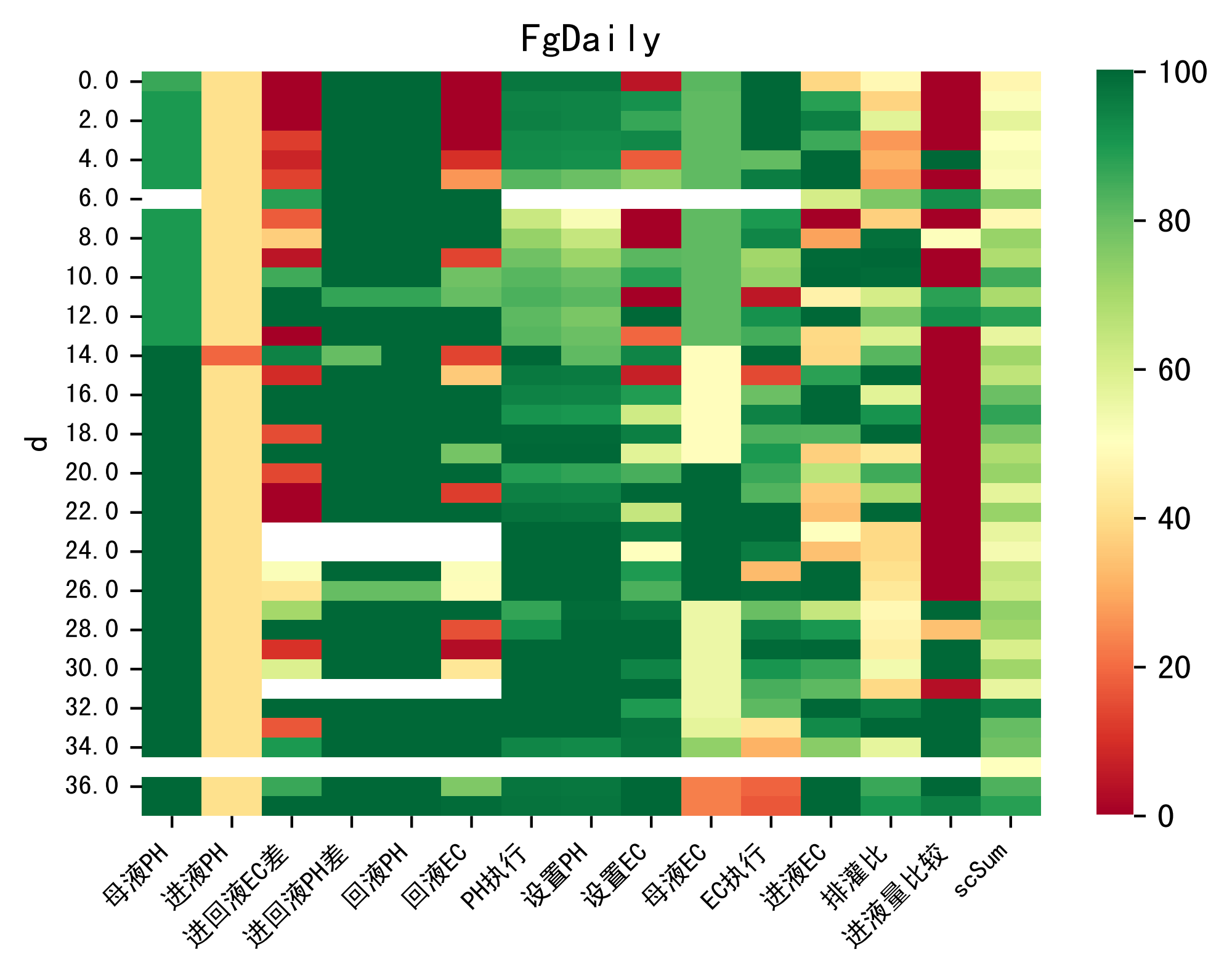

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
1000
0
5
10
15
20
25
30
35
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
4000
3500
3000
2500
2000
1500
1000
0
5
10
15
20
25
30
35
d

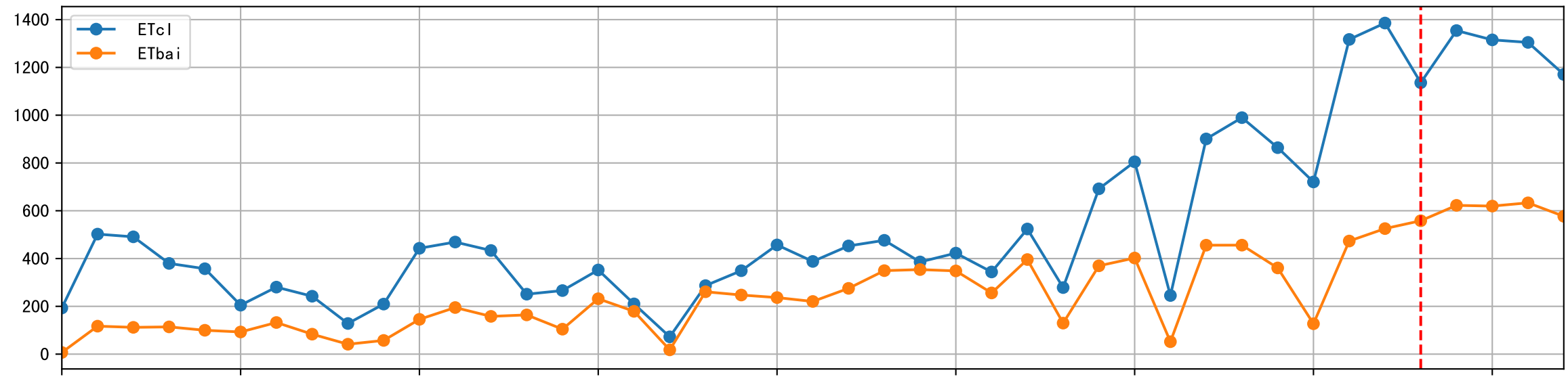

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
d
7.0
6.8
6.6
6.4
6.2
6.0
5.8
5.6
0
5
10
15
20
25
30
35

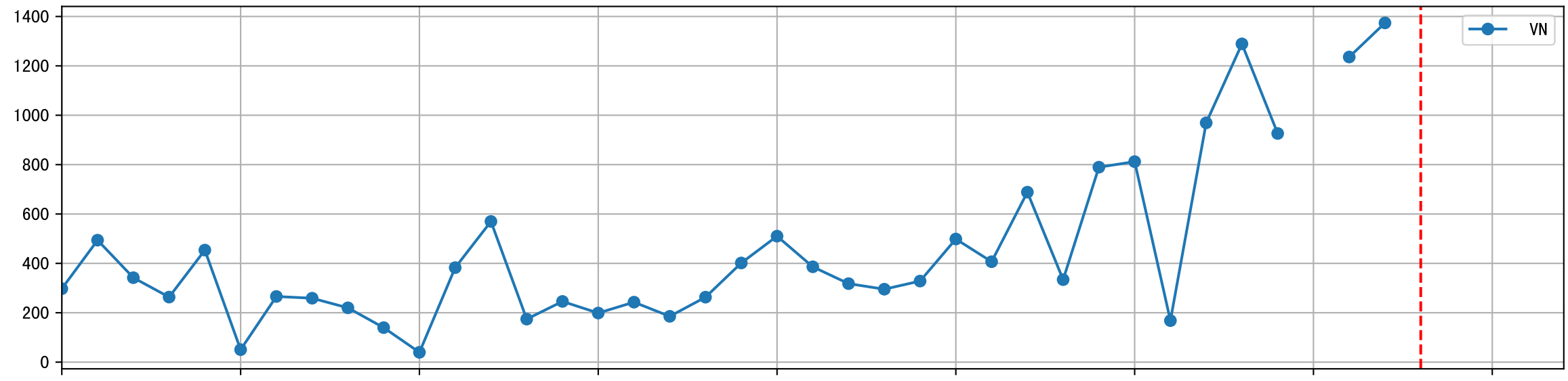

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
5
10
15
20
25
30
35
d

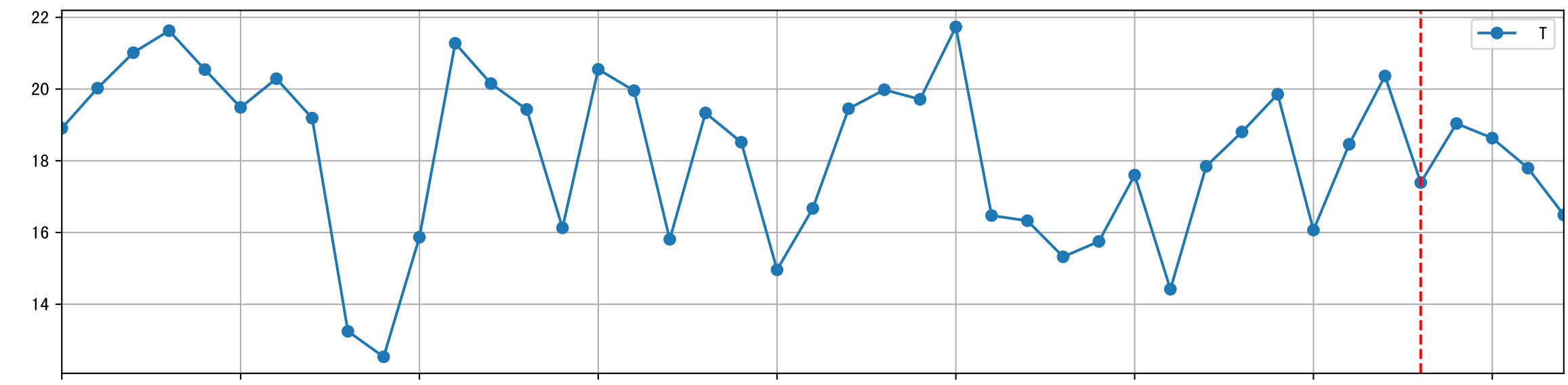

Trend plot forP5_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECOopt
ECO
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

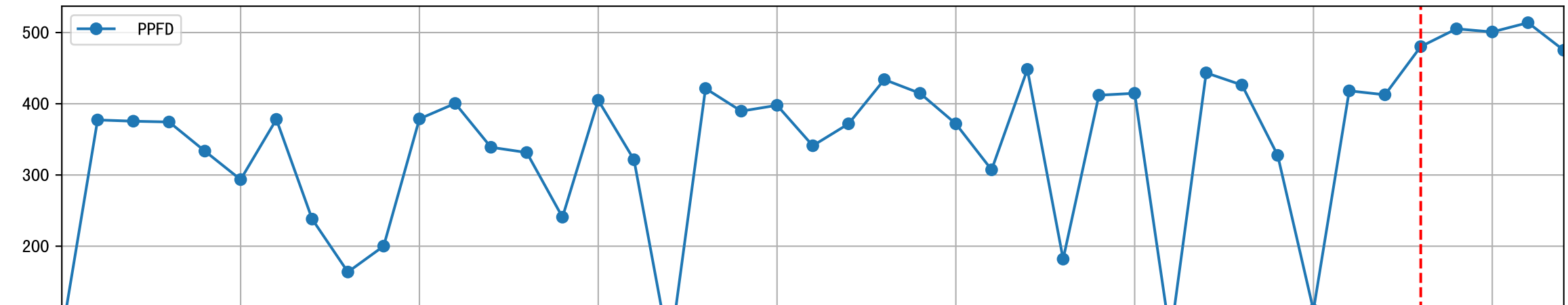

FgDaily
d
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
36.0
母液PH
进液PH
进回液EC差
进回液PH差
回液PH
回液EC
PH执行
设置PH
设置EC
母液EC
EC执行
进液EC
排灌比
进液量比较
scSum
100
80
60
40
20
0

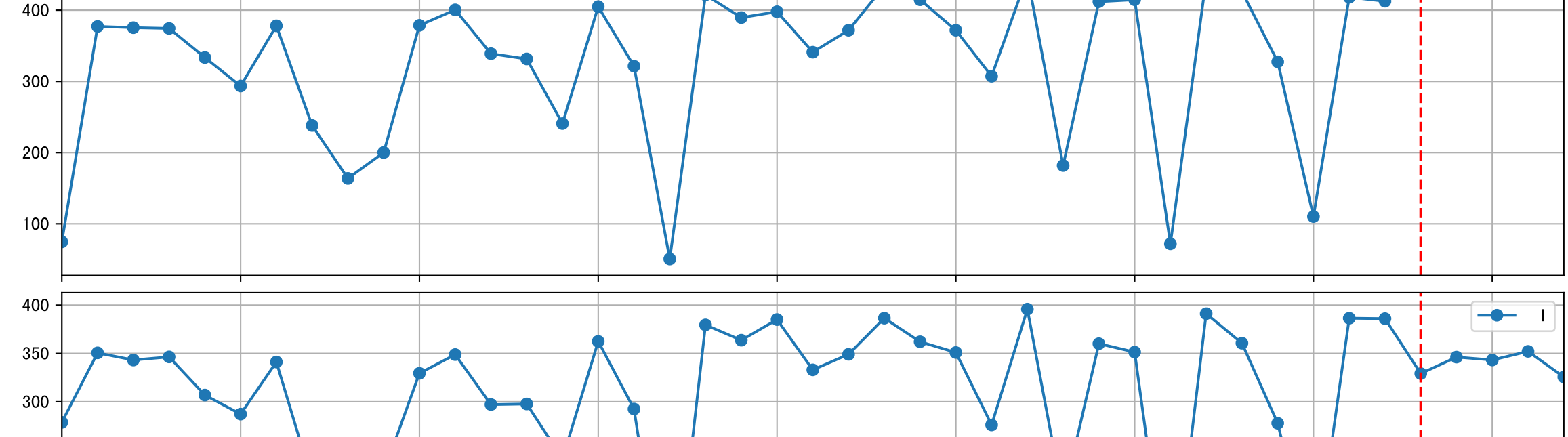
P5_0

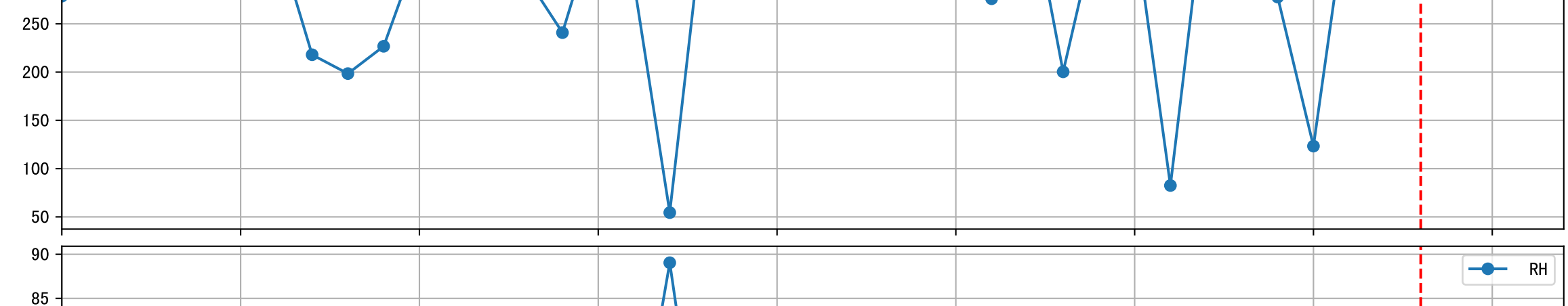


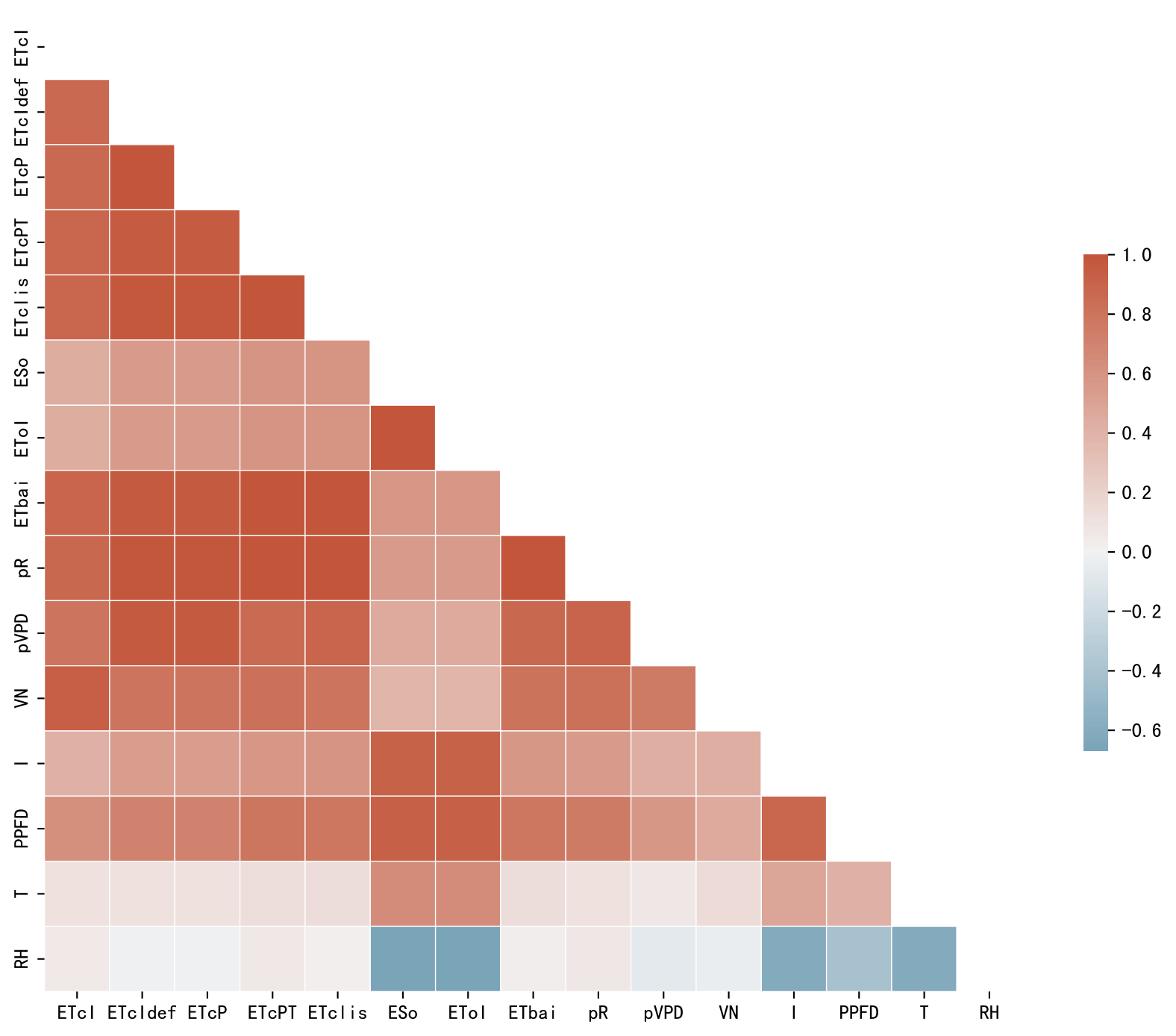


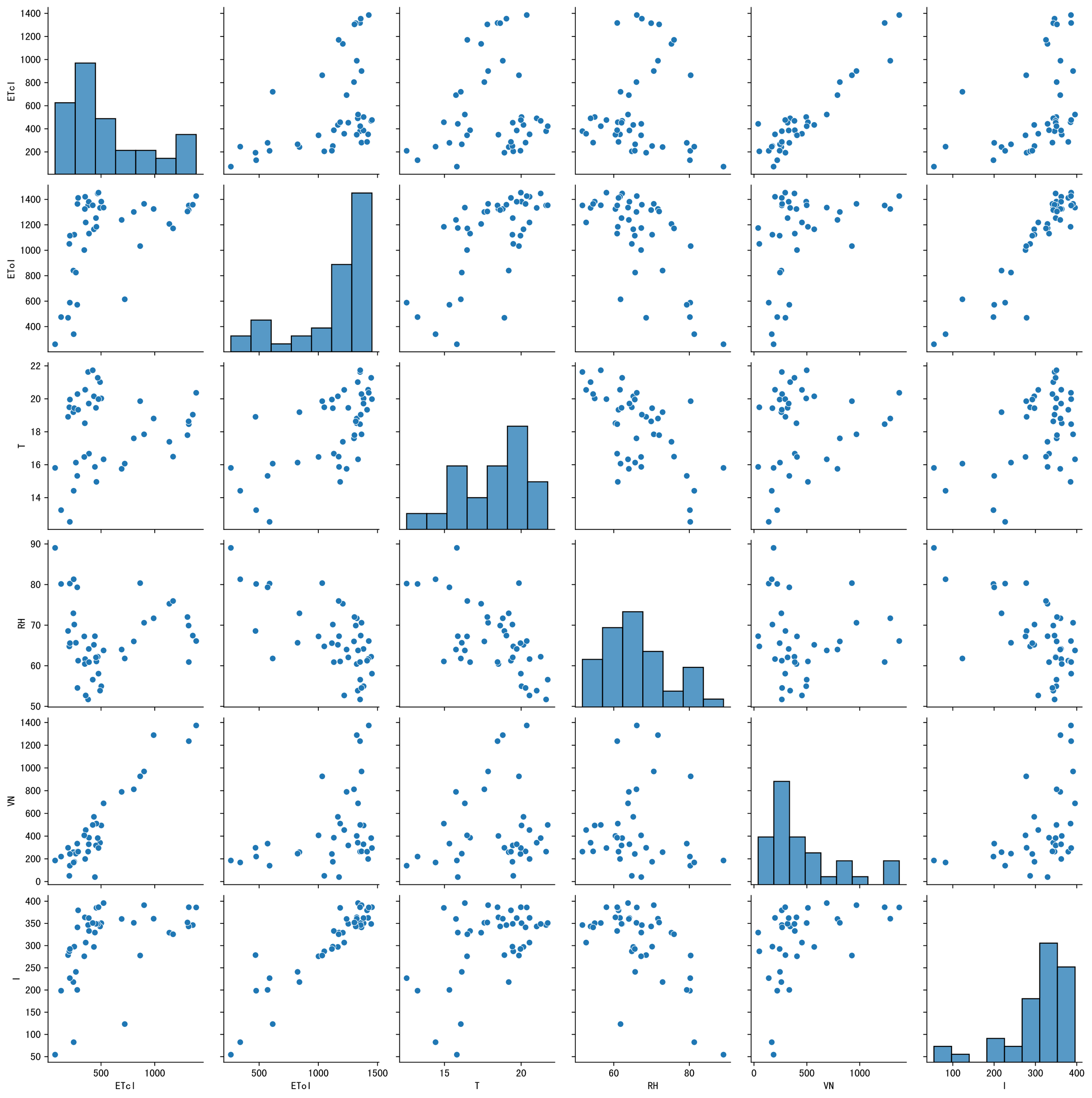


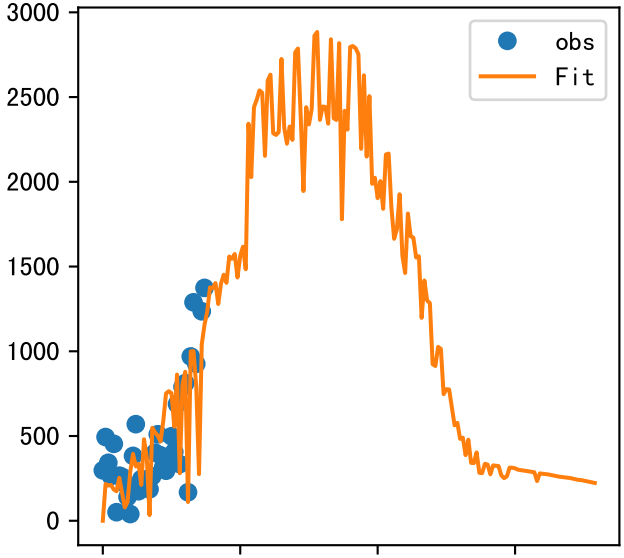


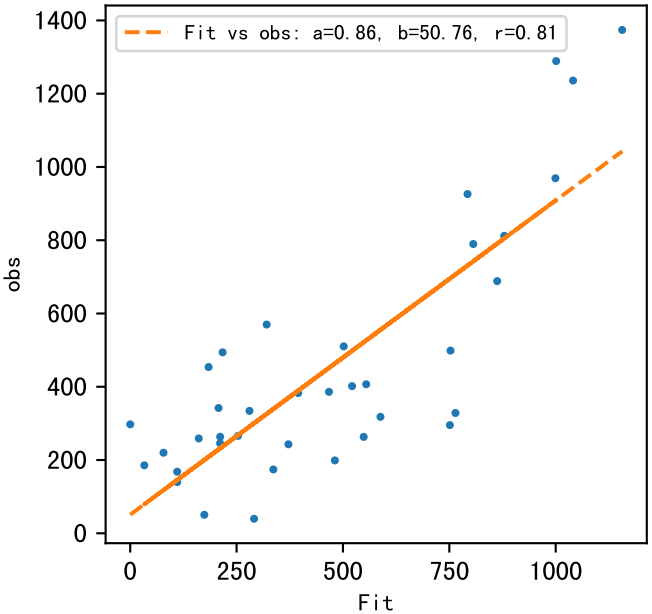




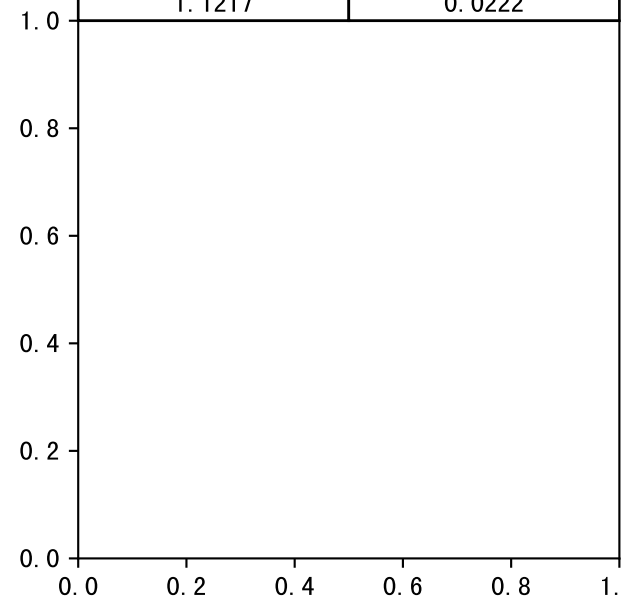

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

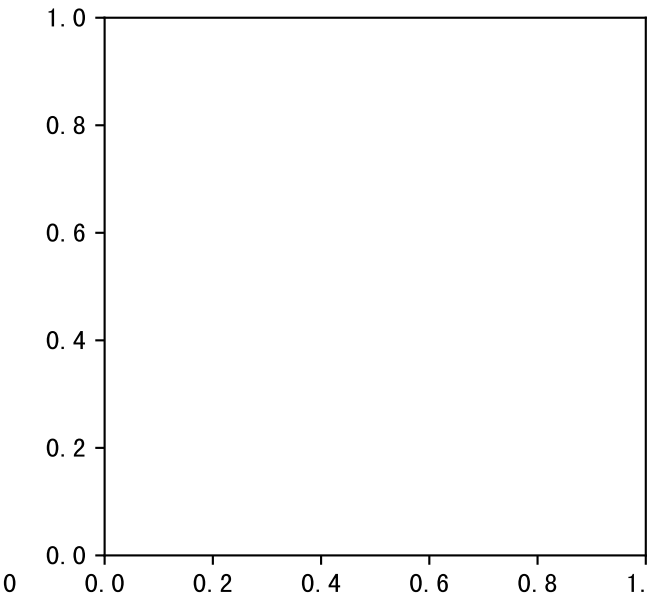

ETcI
ETcI
ETcI

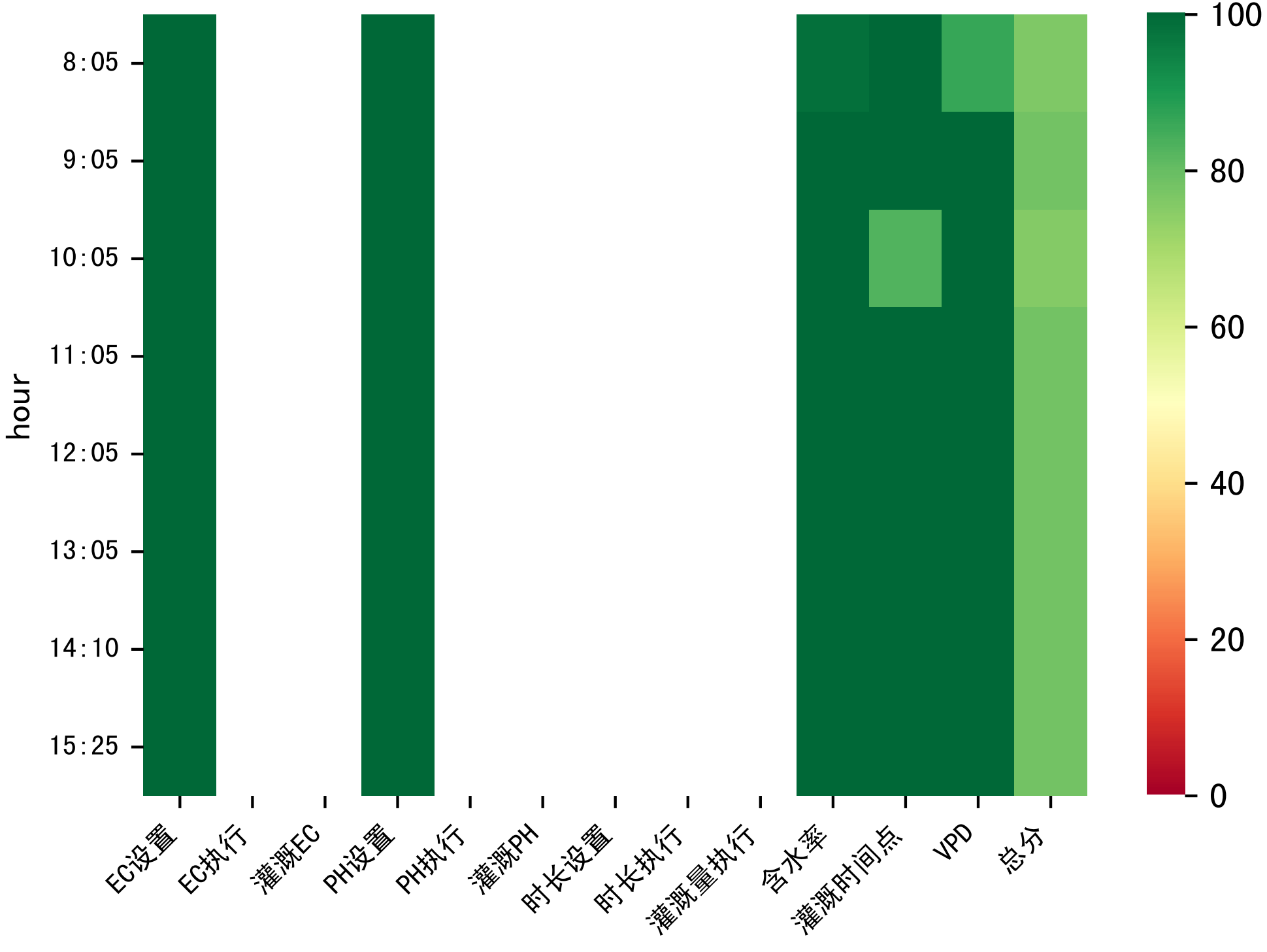




baiA	baiB
1.1217	0.0222



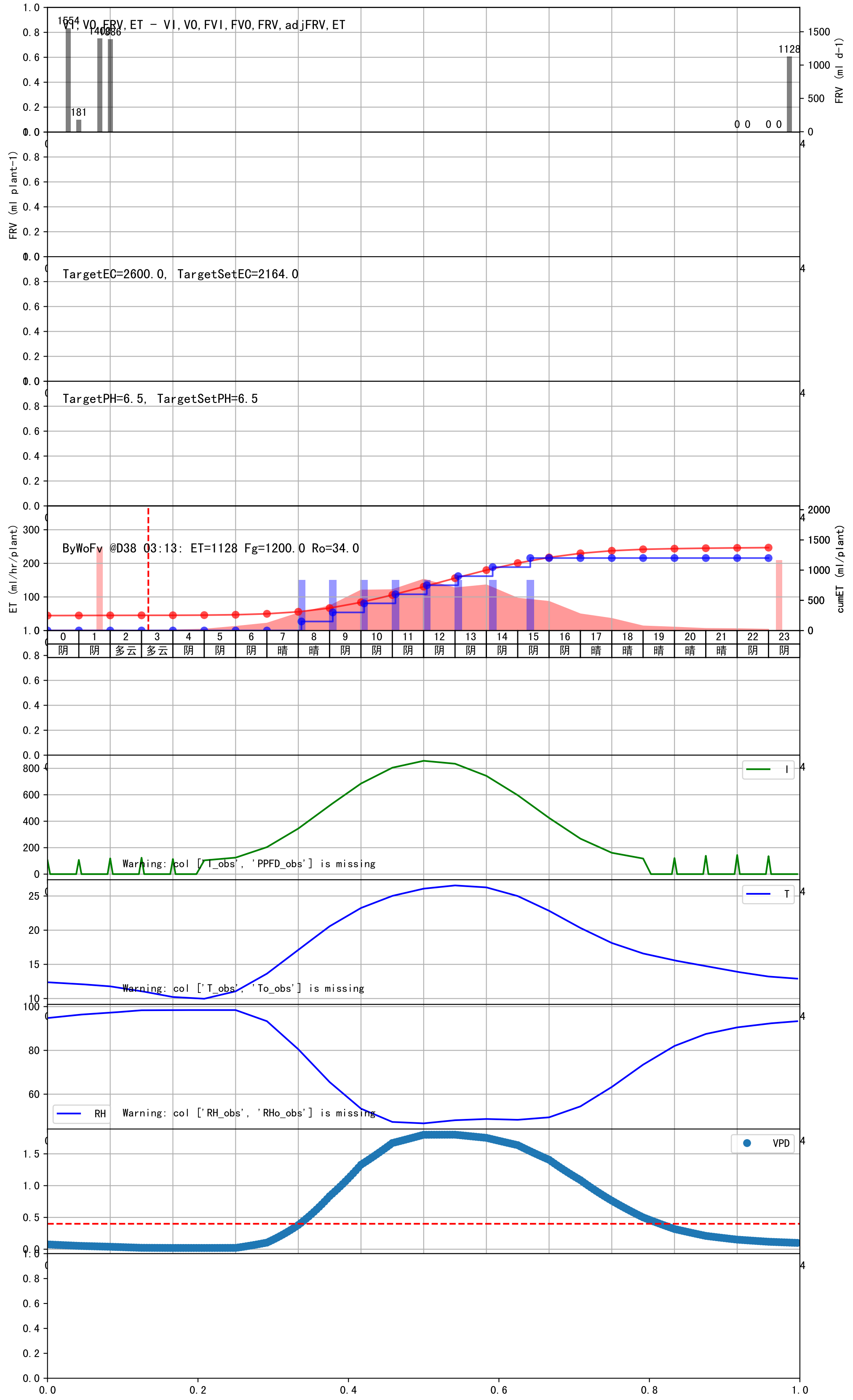


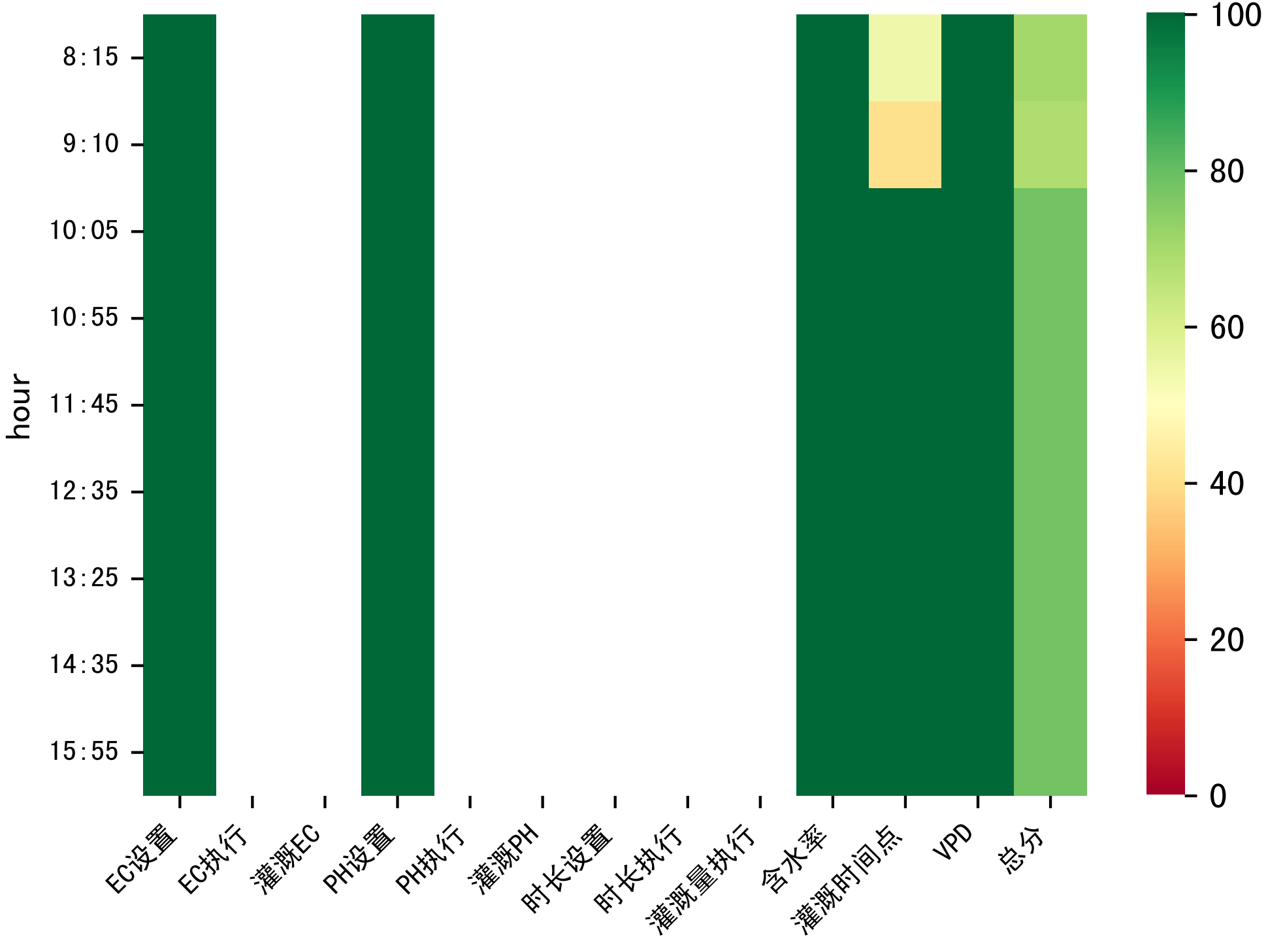

hour
8:05
9:05
10:05
11:05
12:05
13:05
14:10
15:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:05	283	150.0	晴	预期@08:05 未知程序（未用传感器）
09:05	283	150.0	阴	预期@09:05 未知程序（未用传感器）
10:05	283	150.0	阴	预期@10:05 未知程序（未用传感器）
11:05	283	150.0	阴	预期@11:05 未知程序（未用传感器）
12:05	283	150.0	阴	预期@12:05 未知程序（未用传感器）
13:05	283	150.0	阴	预期@13:05 未知程序（未用传感器）
14:10	283	150.0	阴	预期@14:10 未知程序（未用传感器）
15:25	283	150.0	阴	预期@15:25 未知程序（未用传感器）
总计	2264.0 (8次)	1200.0		建议进液EC：2164.0， PH：6.5

昨天灌溉EC（2635.0）与设定EC（2164.0）偏差较大，请检查

P5_0, Day=38 (2025-05-12)

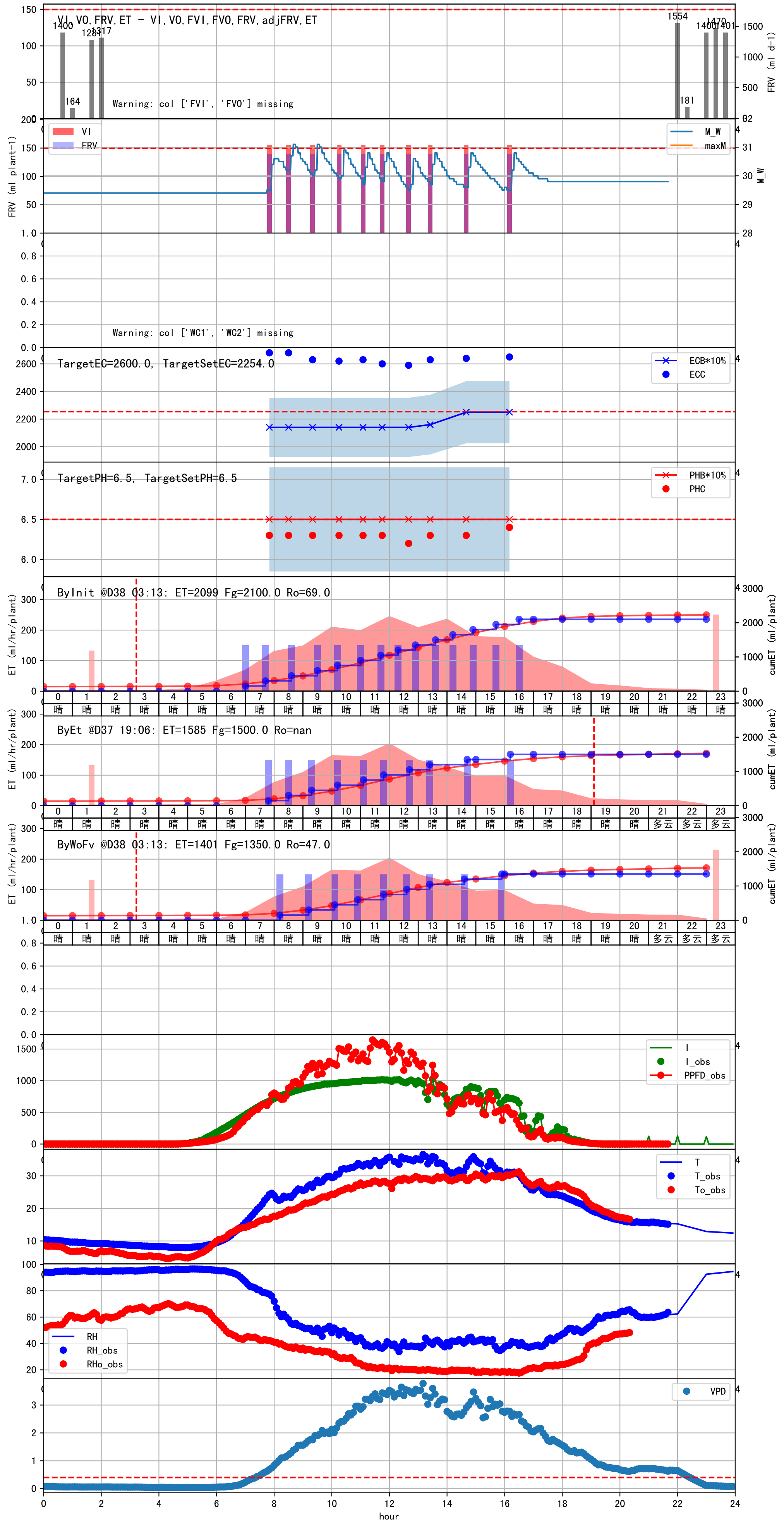


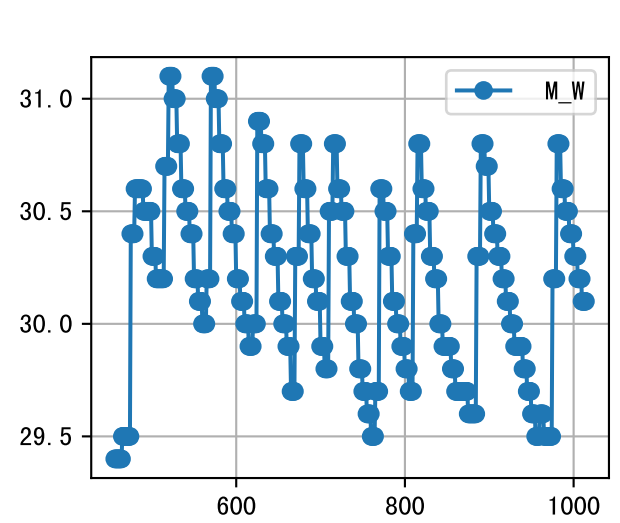

hour
8:15
9:10
10:05
10:55
11:45
12:35
13:25
14:35
15:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

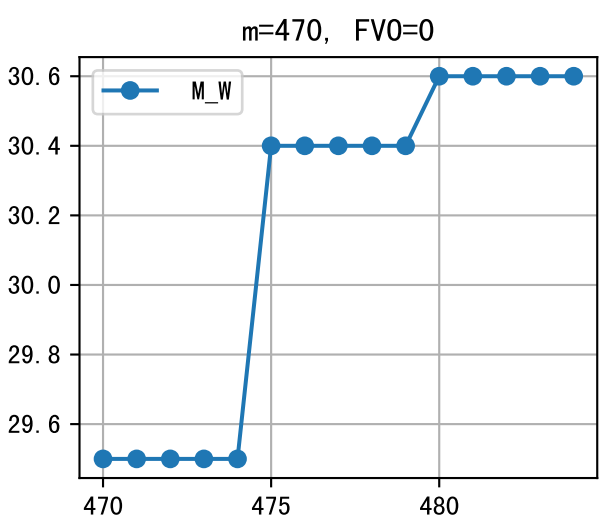
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:15	283	150.0	晴	假设@08:15 自动（未用传感器）
09:10	283	150.0	晴	假设@09:10 自动（未用传感器）
10:05	283	150.0	晴	假设@10:05 自动（未用传感器）
10:55	283	150.0	晴	假设@10:55 自动（未用传感器）
11:45	283	150.0	晴	假设@11:45 自动（未用传感器）
12:35	283	150.0	晴	假设@12:35 自动（未用传感器）
13:25	283	150.0	晴	假设@13:25 自动（未用传感器）
14:35	283	150.0	晴	假设@14:35 自动（未用传感器）
15:55	283	150.0	晴	假设@15:55 自动（未用传感器）
总计	2547.0 (9次)	1350.0		建议进液EC：2254.0， PH：6.5

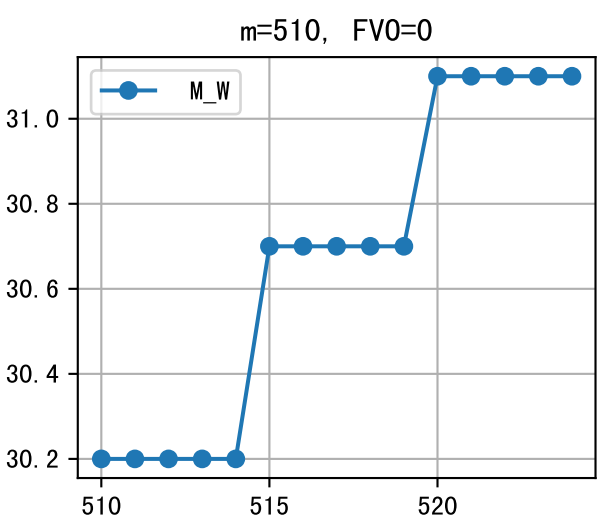
昨天灌溉EC（2723.0）与设定EC（2254.0）偏差较大，请检查
上次灌溉EC（2650.0）与模型建议（2254.0）偏差较大，请检查。

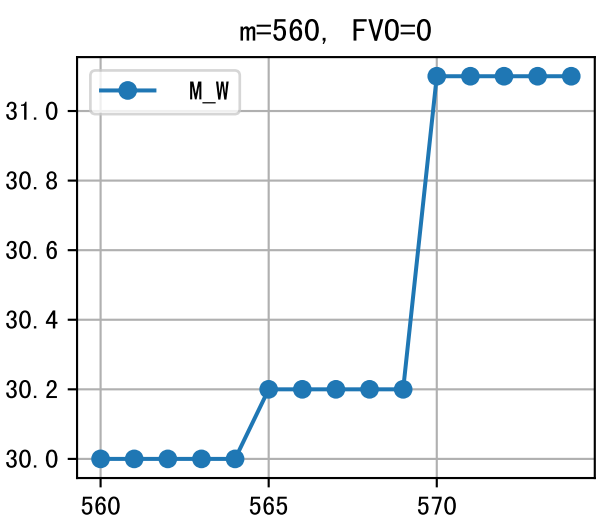
P5_0, Day=37 (2025-05-11)

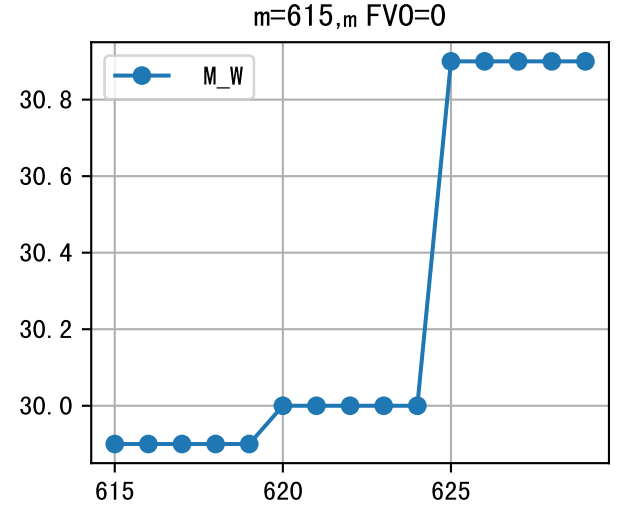


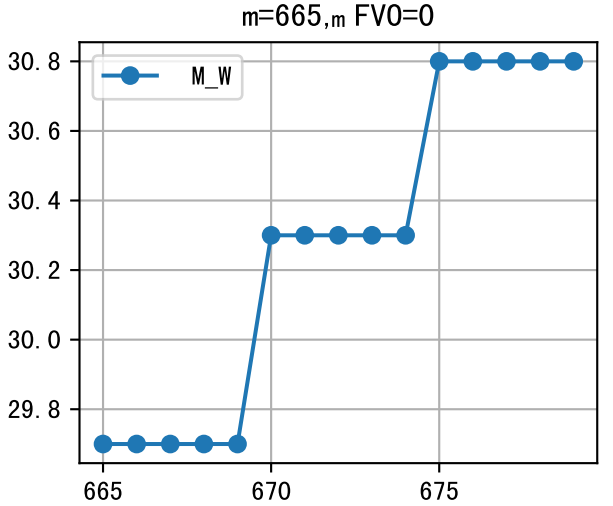

M_W

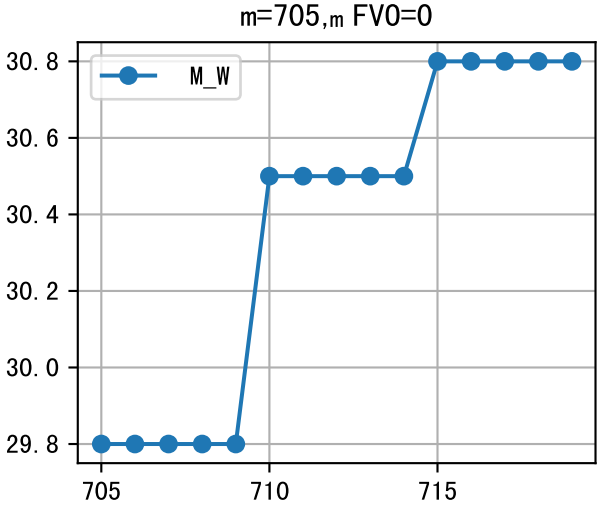

m=470, FV0=0
M_W

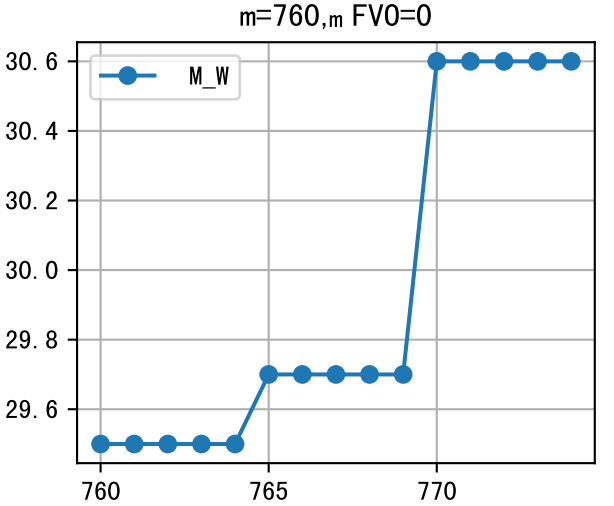

m=510, FV0=0
M_W

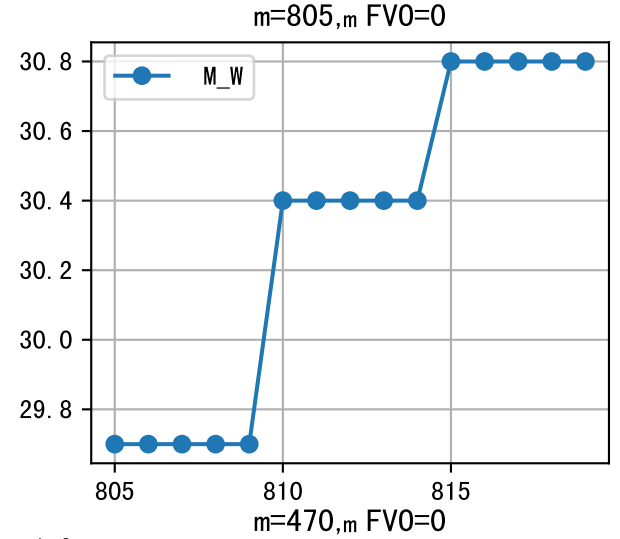

m=560, FV0=0
M_W

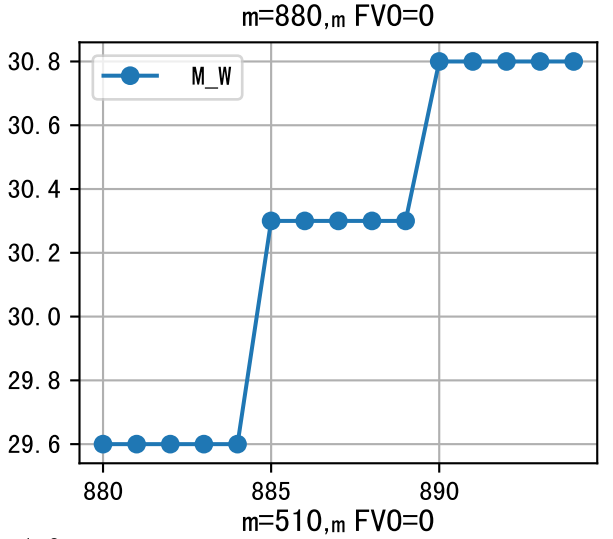

m=615,m FV0=0
M_W

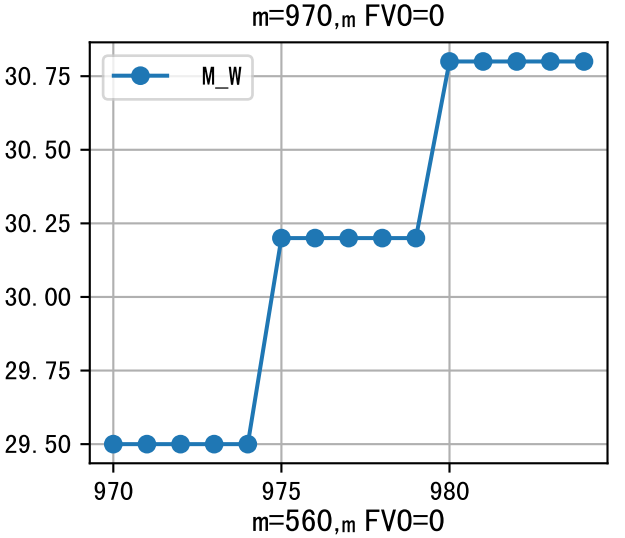

m=665,m FV0=0
M_W

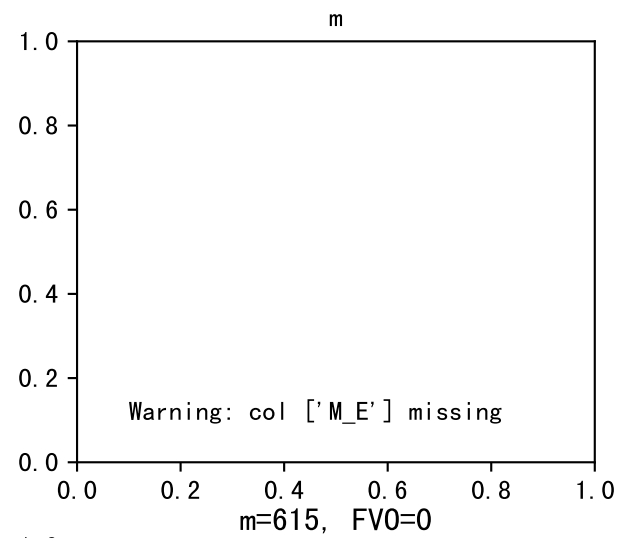

m=705,m FV0=0
M_W

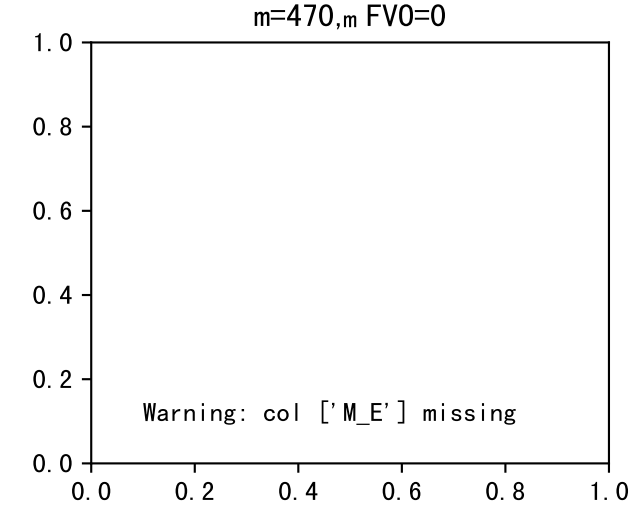

m=760,m FV0=0
M_W

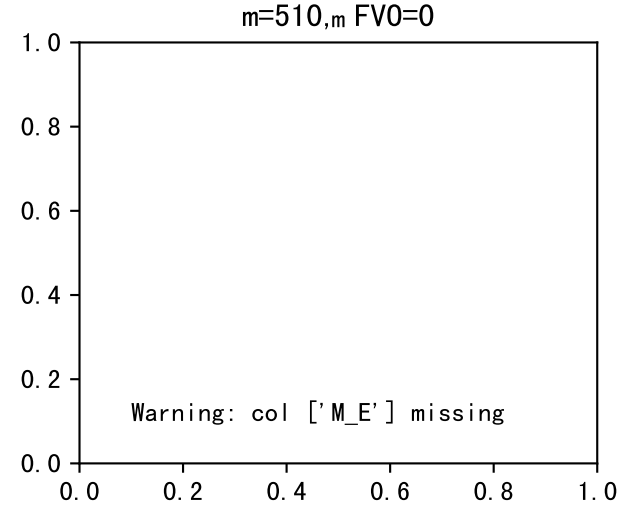

m=805,m FV0=0
M_W

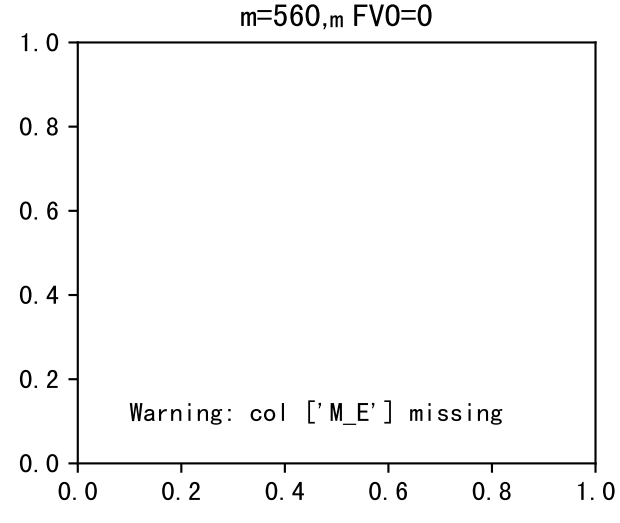

m=880,m FV0=0
M_W

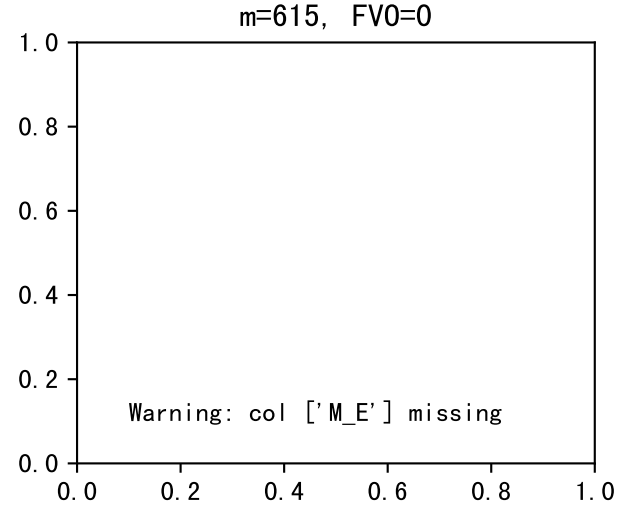

m=970,m FV0=0
M_W

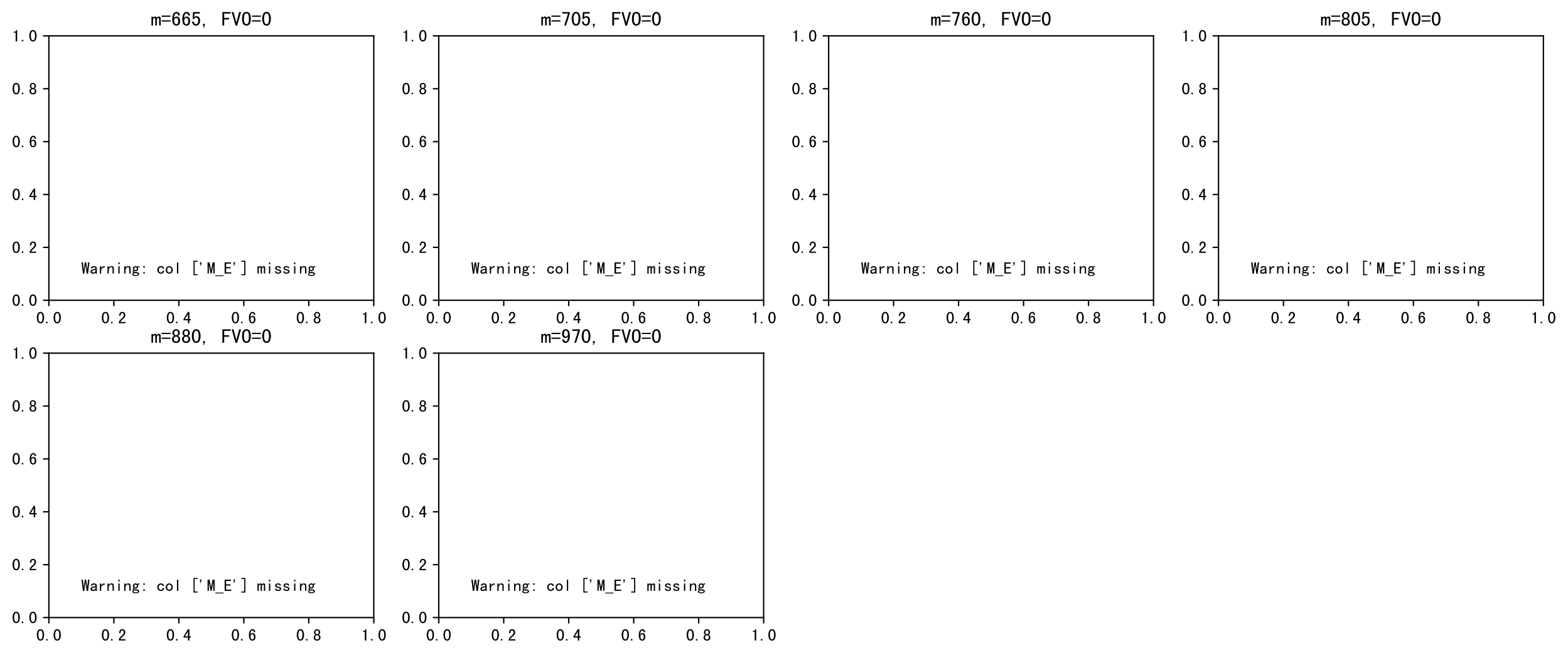

m
Warning: col ['M_E'] missing

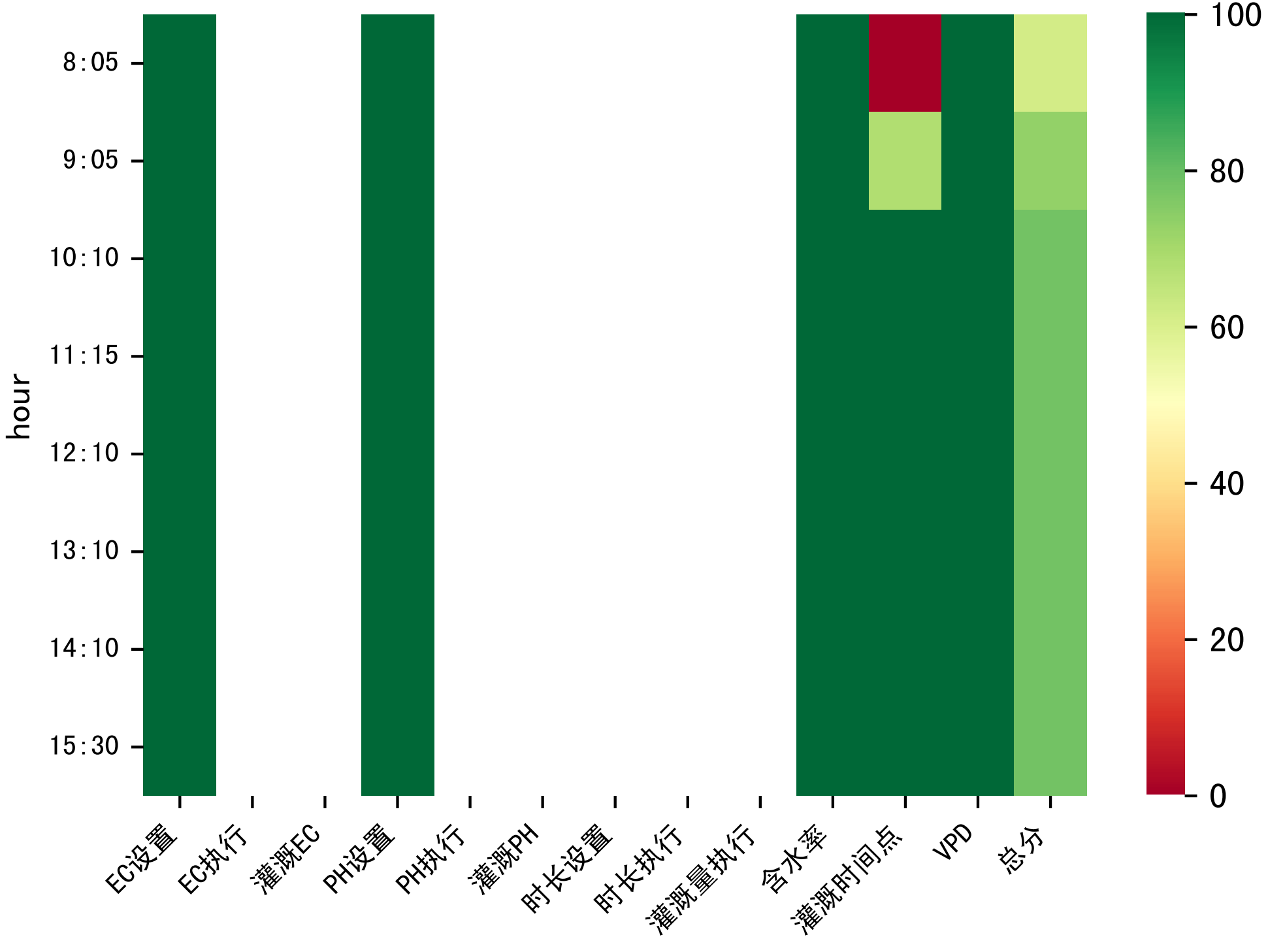

m=470,m FV0=0
Warning: col ['M_E'] missing


m=510,m FV0=0
Warning: col ['M_E'] missing


m=560,m FV0=0
Warning: col ['M_E'] missing


m=615, FV0=0
Warning: col ['M_E'] missing

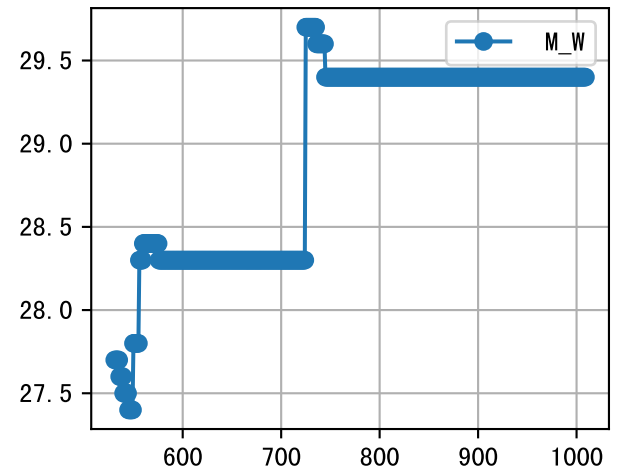

m=665, FV0=0
Warning: col ['M_E'] missing
m=705, FV0=0
Warning: col ['M_E'] missing
m=760, FV0=0
Warning: col ['M_E'] missing
m=805, FV0=0
Warning: col ['M_E'] missing
m=880, FV0=0
Warning: col ['M_E'] missing
m=970, FV0=0
Warning: col ['M_E'] missing

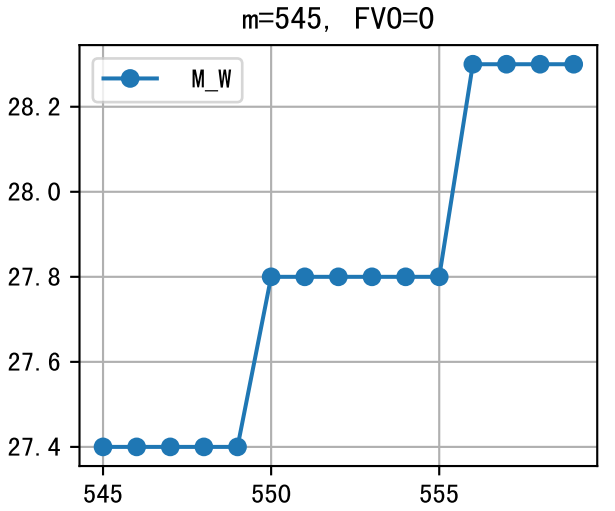

hour
8:05
9:05
10:10
11:15
12:10
13:10
14:10
15:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

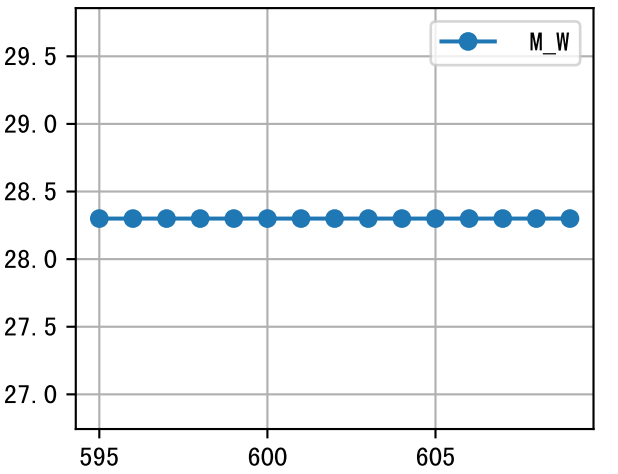
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:05	288	150.0	阴	假设@08:05 自动（未用传感器）
09:05	288	150.0	阴	假设@09:05 自动（未用传感器）
10:10	288	150.0	多云	假设@10:10 自动（未用传感器）
11:15	288	150.0	晴	假设@11:15 自动（未用传感器）
12:10	288	150.0	晴	假设@12:10 自动（未用传感器）
13:10	288	150.0	晴	假设@13:10 自动（未用传感器）
14:10	288	150.0	晴	假设@14:10 自动（未用传感器）
15:30	288	150.0	多云	假设@15:30 自动（未用传感器）
总计	2304.0 (8次)	1200.0		建议进液EC：2314.0， PH：6.5

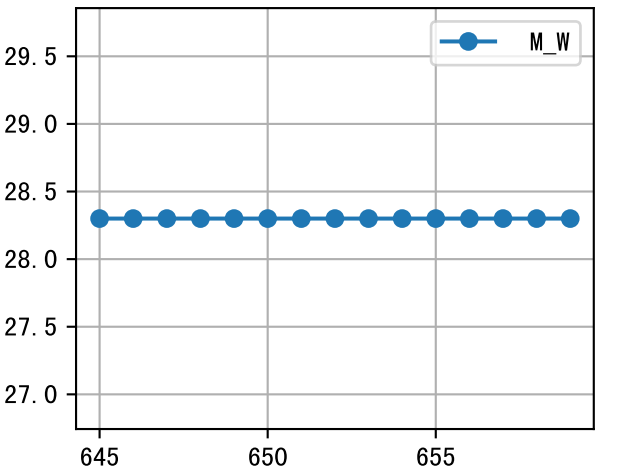
昨天进回液EC数据缺失.
昨天灌溉进排液EC/PH值缺失，可能影响模型决策
上次灌溉EC（2710.0）与模型建议（2314.0）偏差较大，请检查。

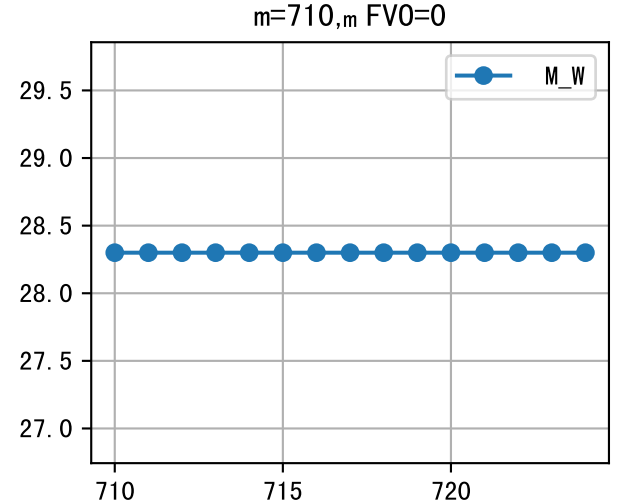
P5_0, Day=36 (2025-05-10)

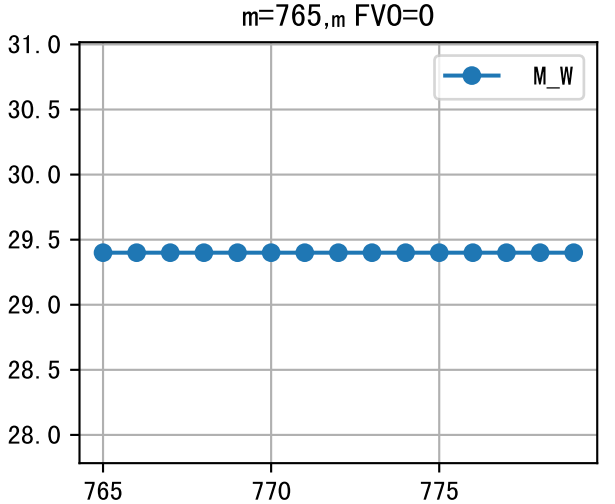

M_W

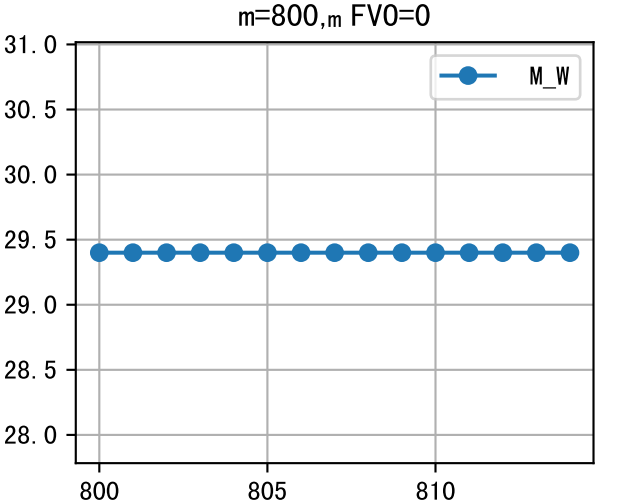

m=545, FV0=0
M_W

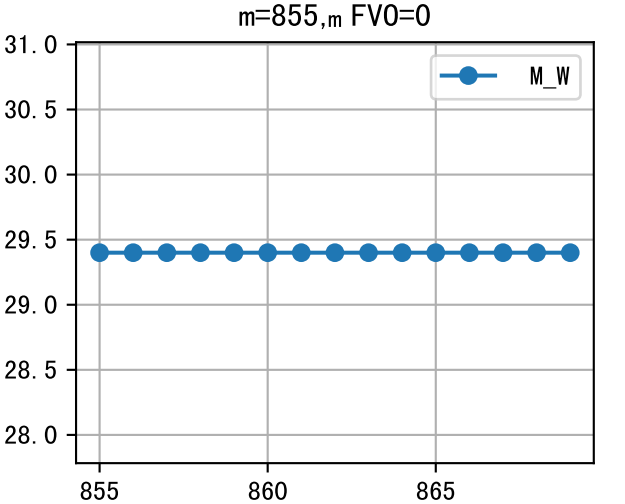

m=595, FV0=0
M_W

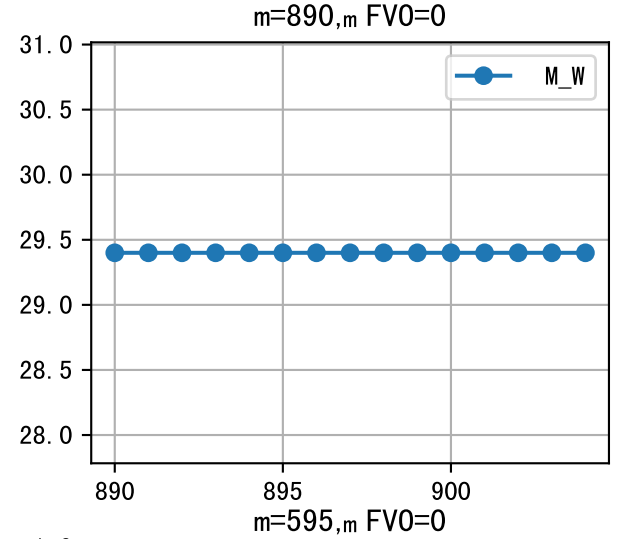

m=645, FV0=0
M_W

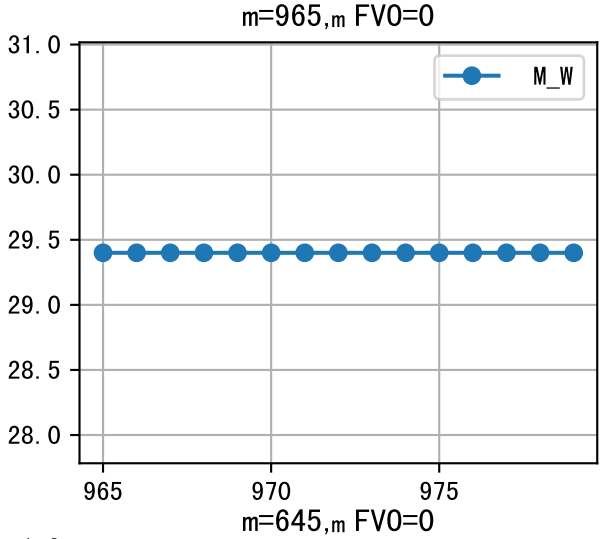

m=710,m FV0=0
M_W

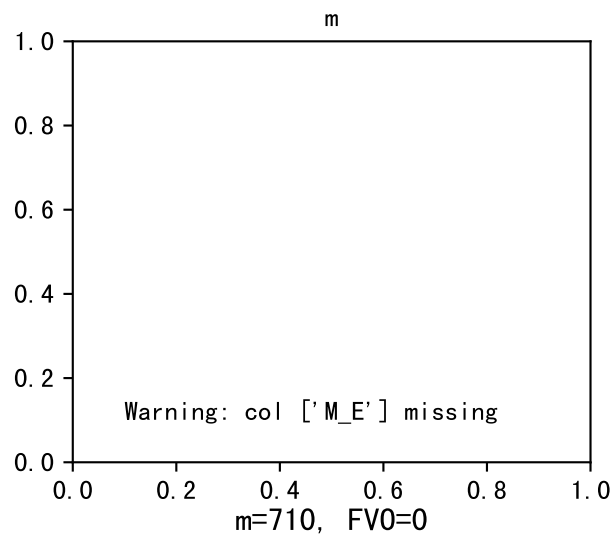

m=765,m FV0=0
M_W

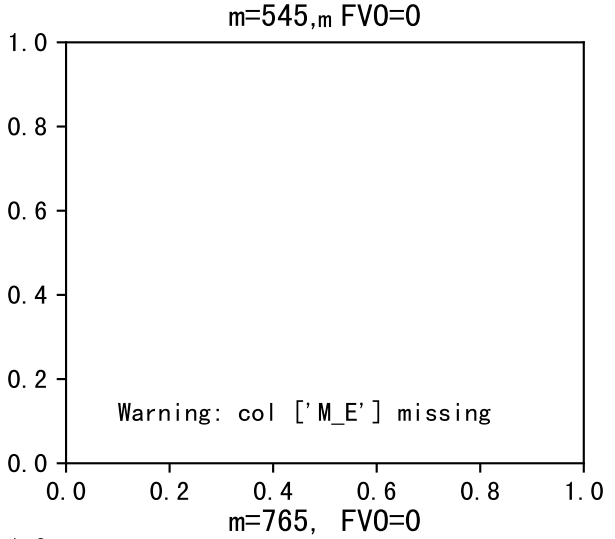

m=800,m FV0=0
M_W

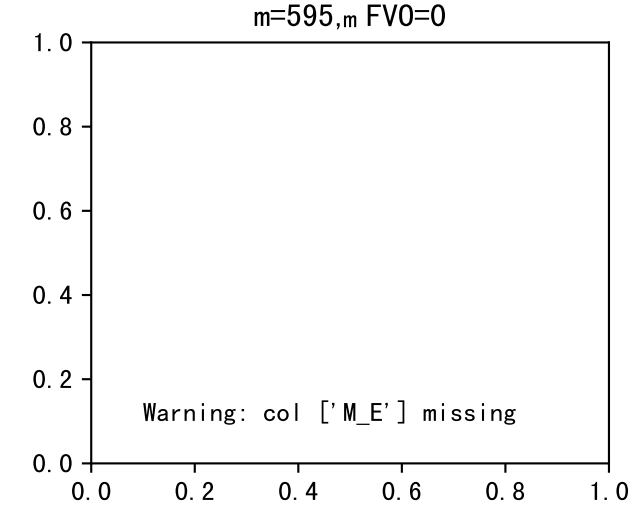

m=855,m FV0=0
M_W

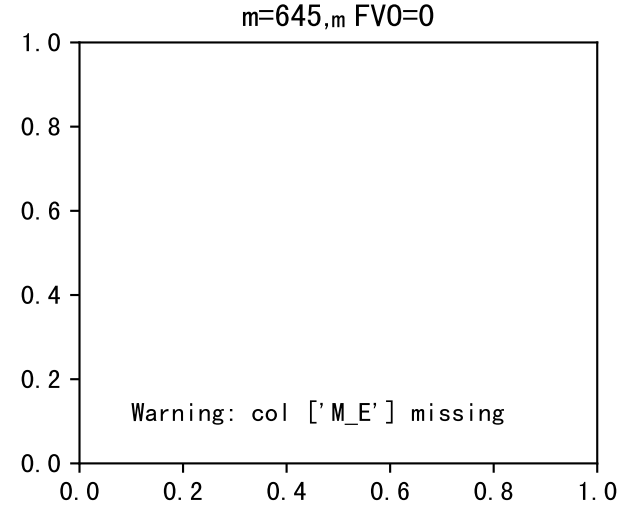

m=890,m FV0=0
M_W

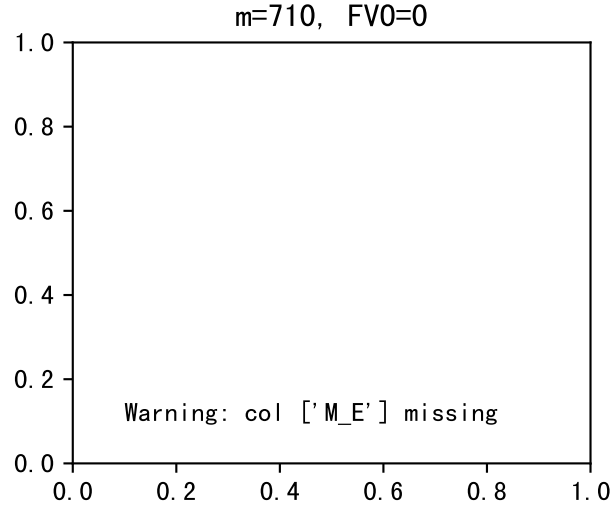

m=965,m FV0=0
M_W

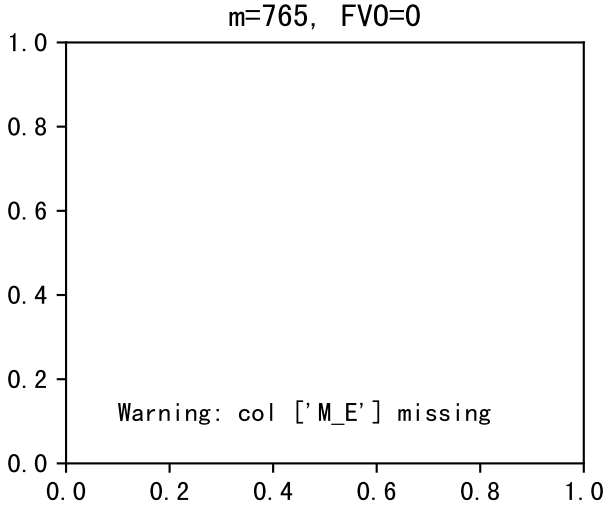

m
Warning: col ['M_E'] missing

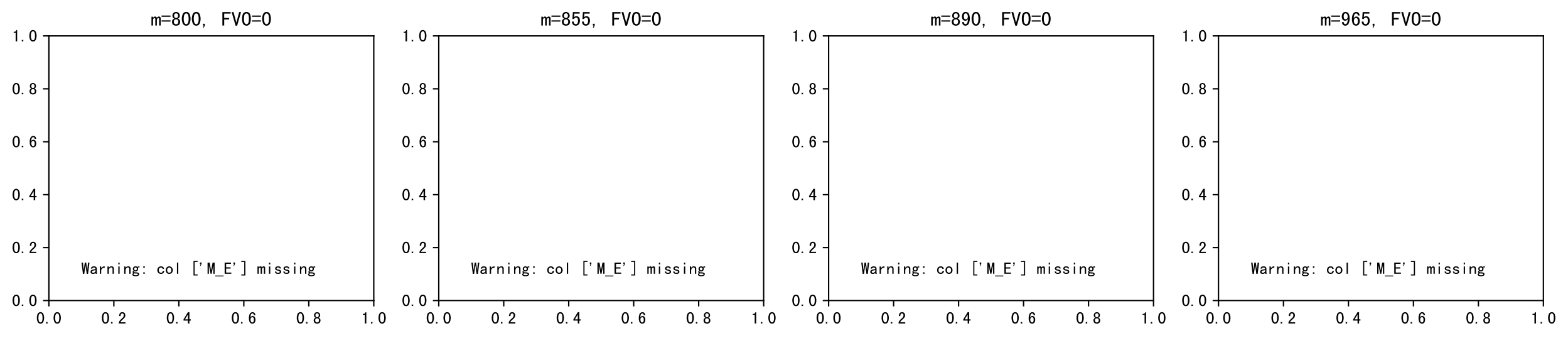

m=545,m FV0=0
Warning: col ['M_E'] missing

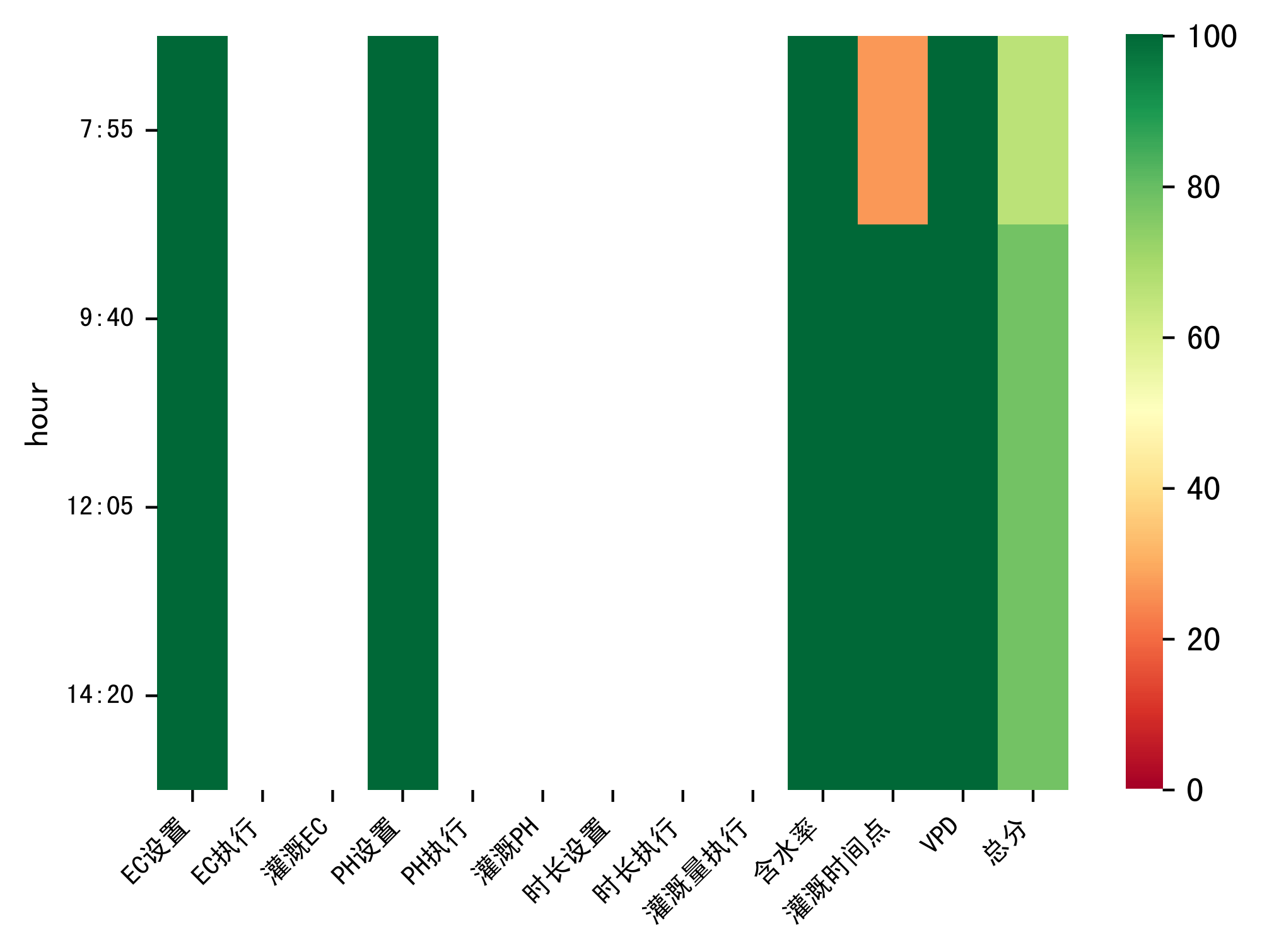

m=595,m FV0=0
Warning: col ['M_E'] missing


m=645,m FV0=0
Warning: col ['M_E'] missing


m=710, FV0=0
Warning: col ['M_E'] missing

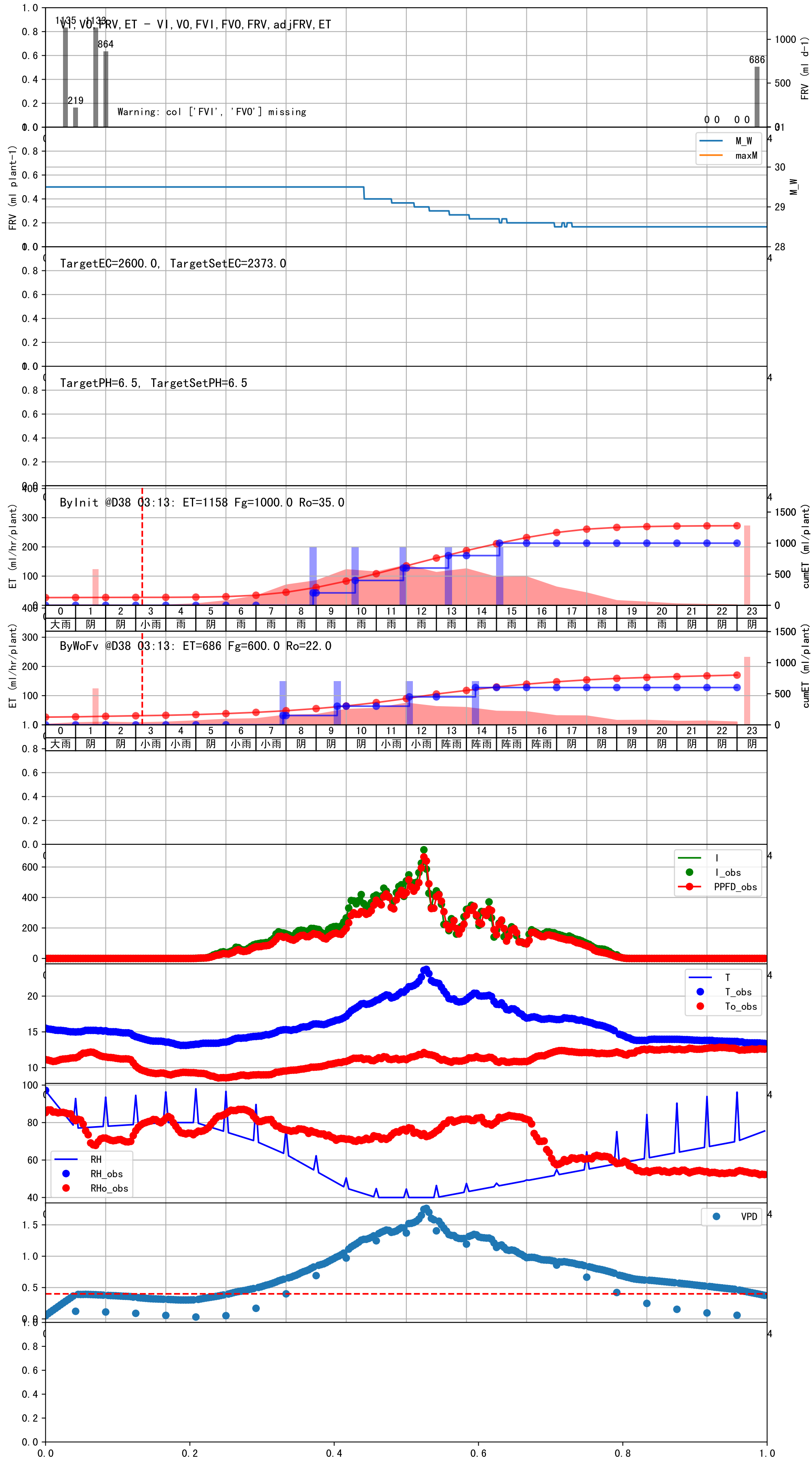

m=765, FV0=0
Warning: col ['M_E'] missing

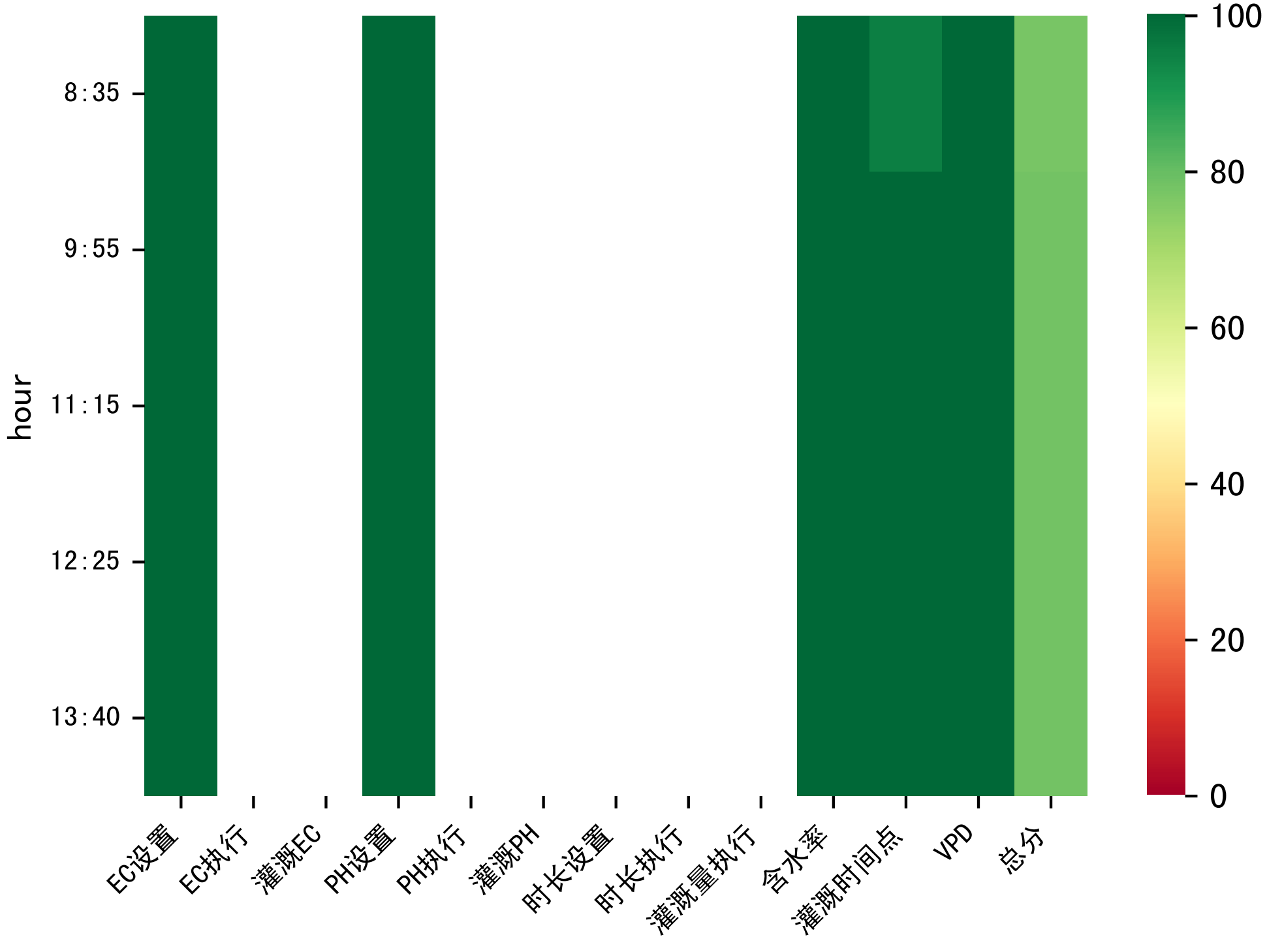

m=800, FV0=0
m=855, FV0=0
m=890, FV0=0
m=965, FV0=0
Warning: col ['M_E'] missing
Warning: col ['M_E'] missing
Warning: col ['M_E'] missing
Warning: col ['M_E'] missing
0.0
0.2
0.4
0.6
0.8
1.0


hour
7:55
9:40
12:05
14:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:55	288	150.0	小雨	假设@07:55 未知程序（未用传感器）
09:40	288	150.0	阴	假设@09:40 未知程序（未用传感器）
12:05	288	150.0	小雨	假设@12:05 未知程序（未用传感器）
14:20	288	150.0	阵雨	假设@14:20 未知程序（未用传感器）
总计	1152.0 (4次)	600.0		建议进液EC：2373.0， PH：6.5

P5_0, Day=35 (2025-05-09)

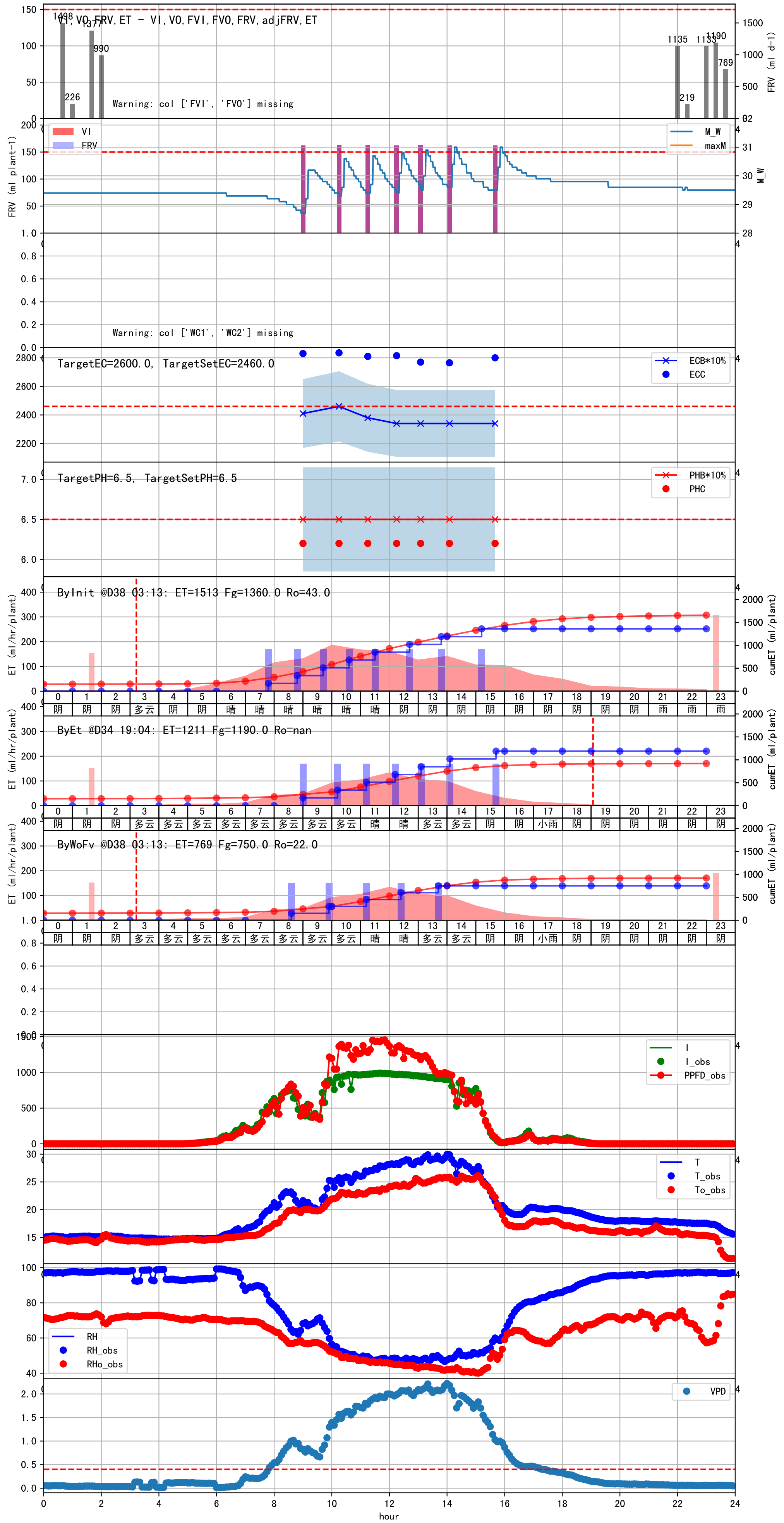


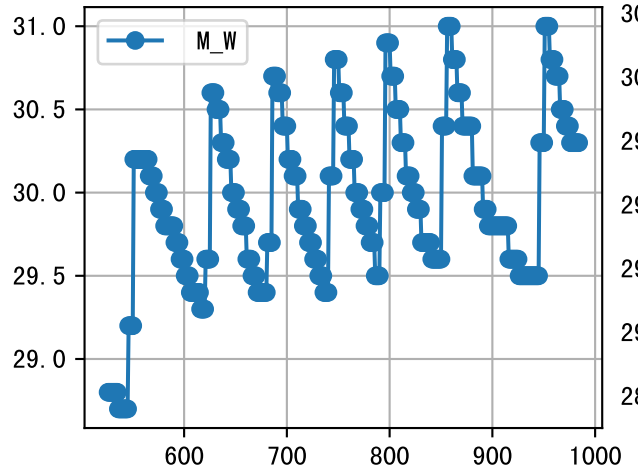

hour
8:35
9:55
11:15
12:25
13:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

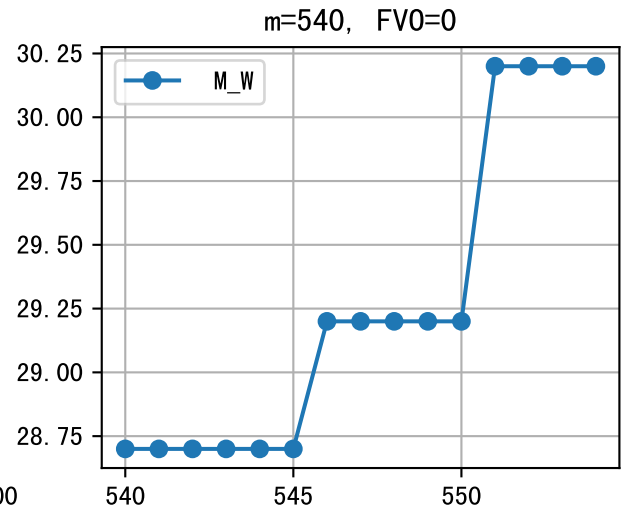
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:35	327	150.0	多云	假设@08:35 自动（未用传感器）
09:55	327	150.0	多云	假设@09:55 自动（未用传感器）
11:15	327	150.0	晴	假设@11:15 自动（未用传感器）
12:25	327	150.0	晴	假设@12:25 自动（未用传感器）
13:40	327	150.0	多云	假设@13:40 自动（未用传感器）
总计	1635.0 (5次)	750.0		建议进液EC：2460.0， PH：6.5

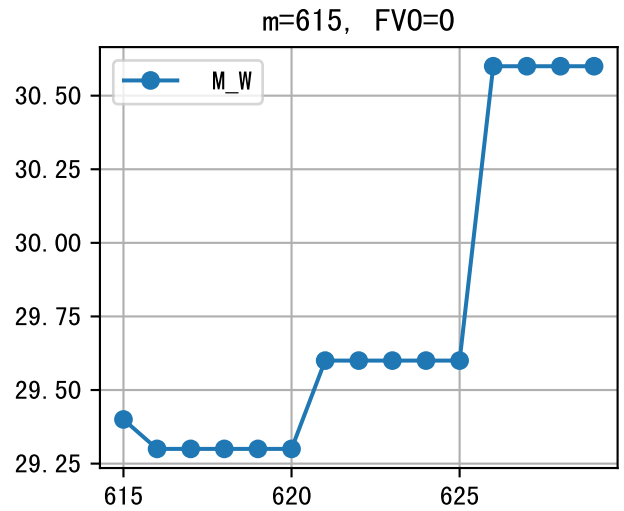
上次灌溉时长未按模型建议(327 vs 288.0))
默认实际灌溉170.0 ml.

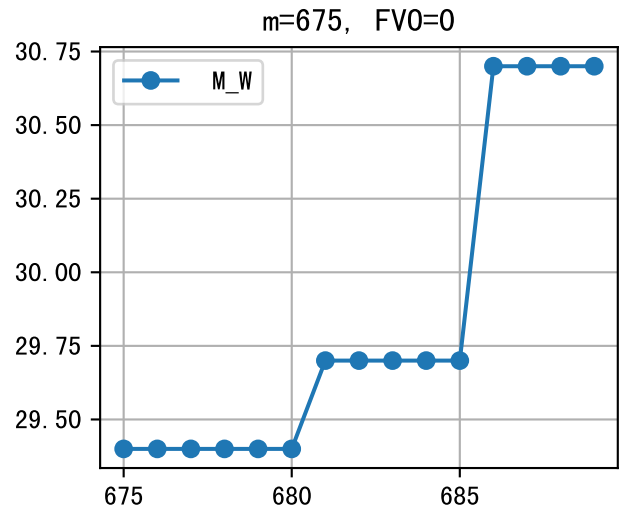
P5_0, Day=34 (2025-05-08)

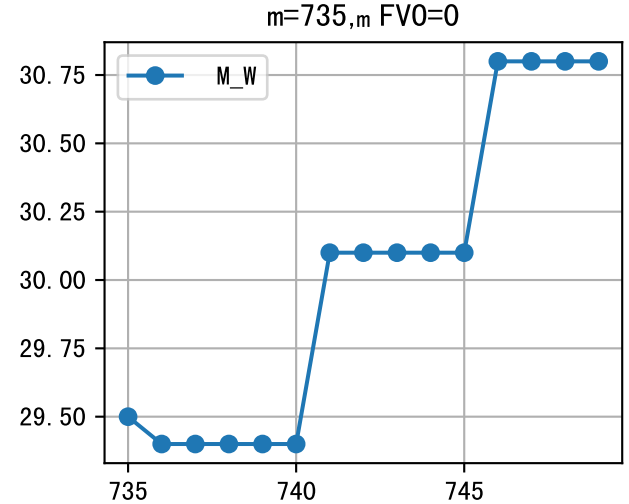


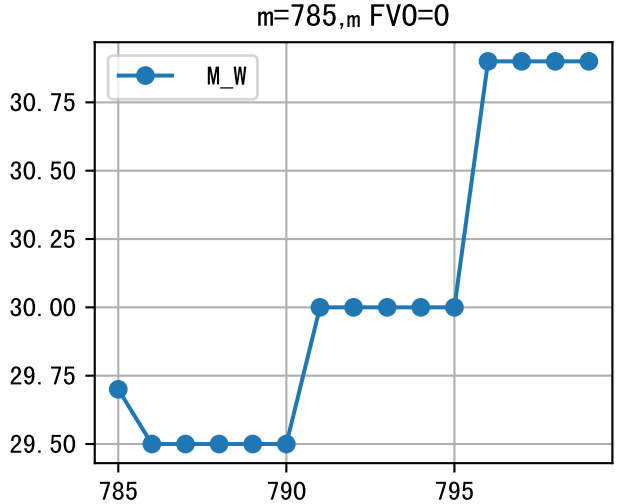

M_W
31.0
30.5
30.0
29.5
29.0
600
700
800
900
1000

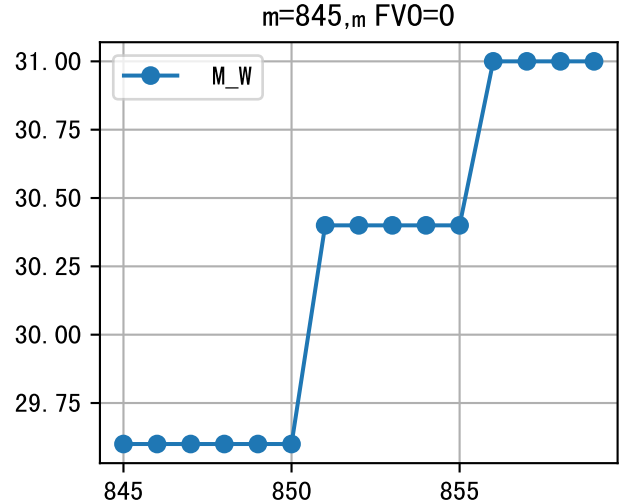

m=540, FV0=0
M_W
30.25
30.00
29.75
29.50
29.25
29.00
28.75
540
545
550

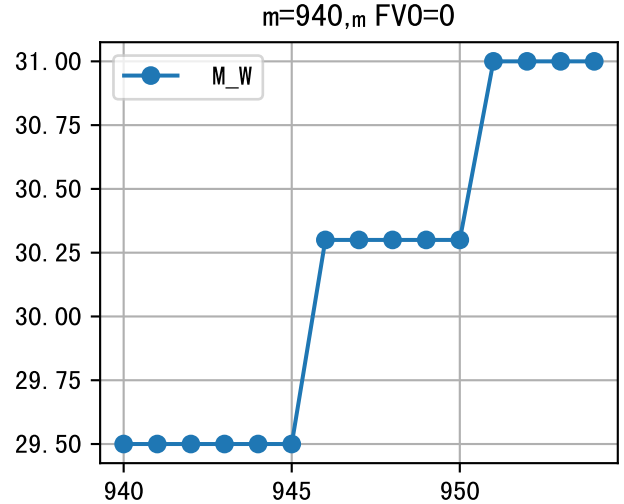

m=615, FV0=0
M_W
30.50
30.25
30.00
29.75
29.50
29.25
615
620
625

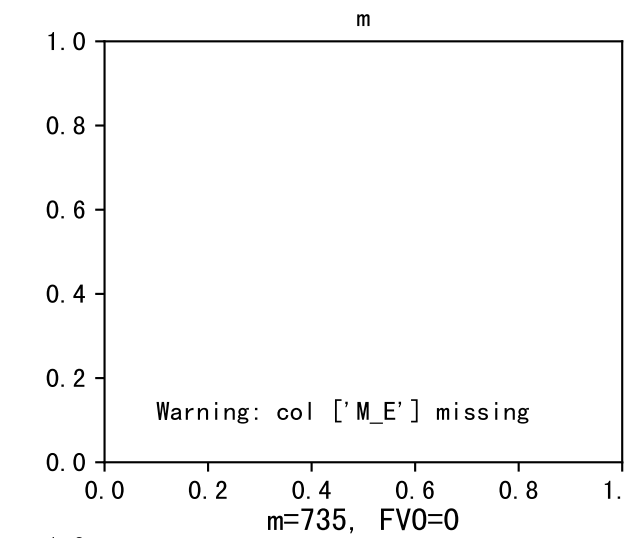

m=675, FV0=0
M_W
30.75
30.50
30.25
30.00
29.75
29.50
675
680
685

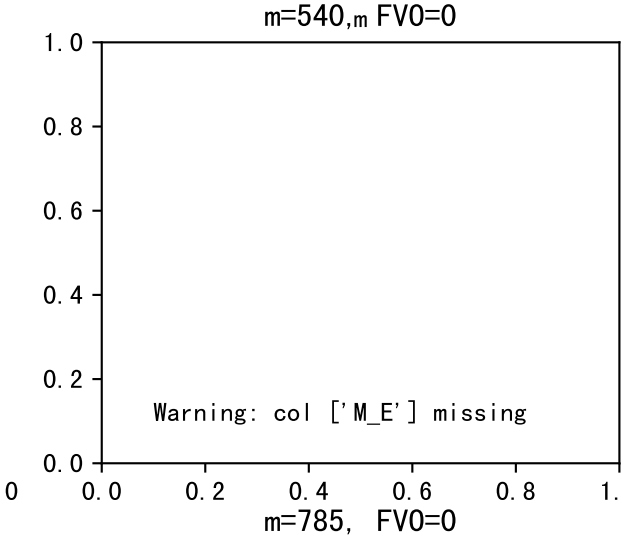

m=735,m FV0=0
M_W
30.75
30.50
30.25
30.00
29.75
29.50
735
740
745

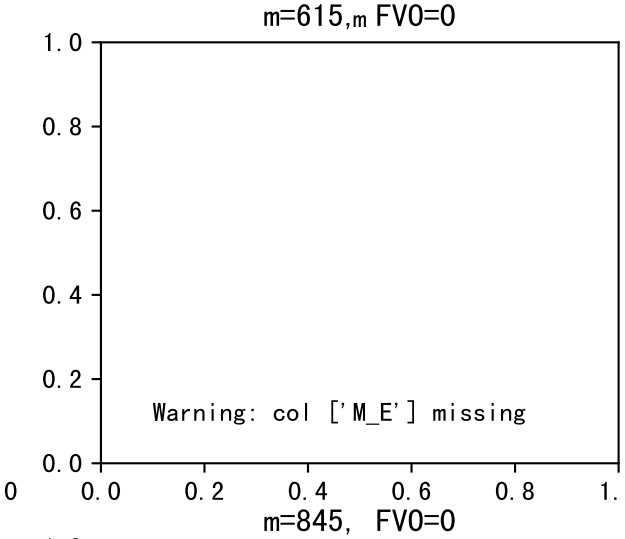

m=785,m FV0=0
M_W
30.75
30.50
30.25
30.00
29.75
29.50
785
790
795

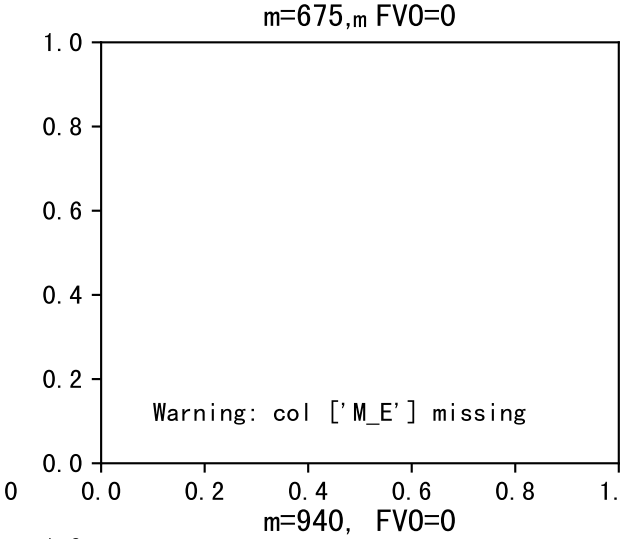

m=845,m FV0=0
M_W
31.00
30.75
30.50
30.25
30.00
29.75
845
850
855

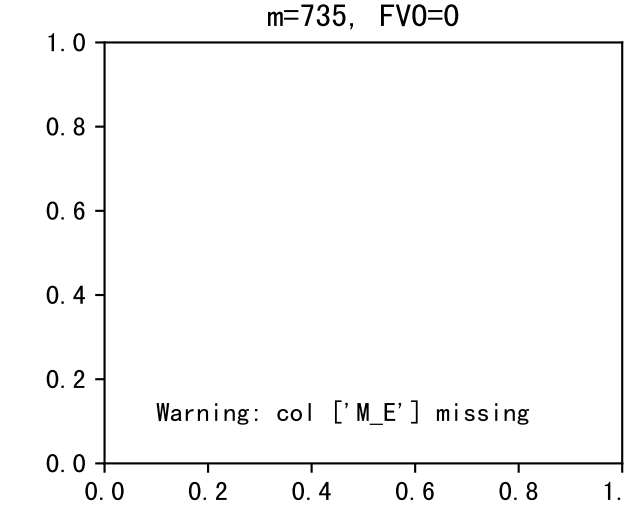

m=940,m FV0=0
M_W
31.00
30.75
30.50
30.25
30.00
29.75
29.50
940
945
950

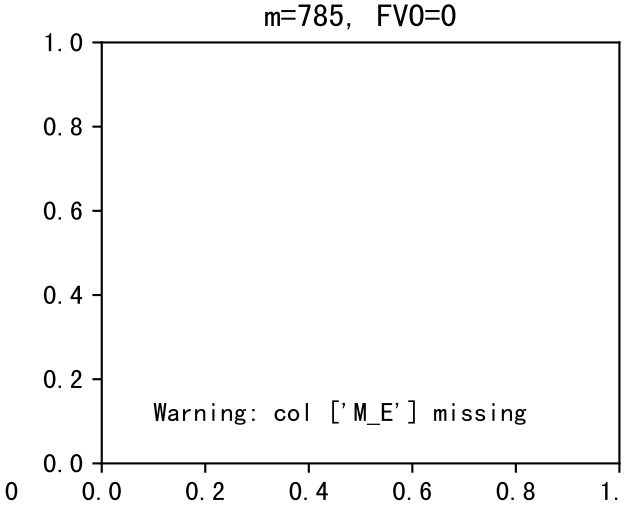

m
Warning: col ['M_E'] missing
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

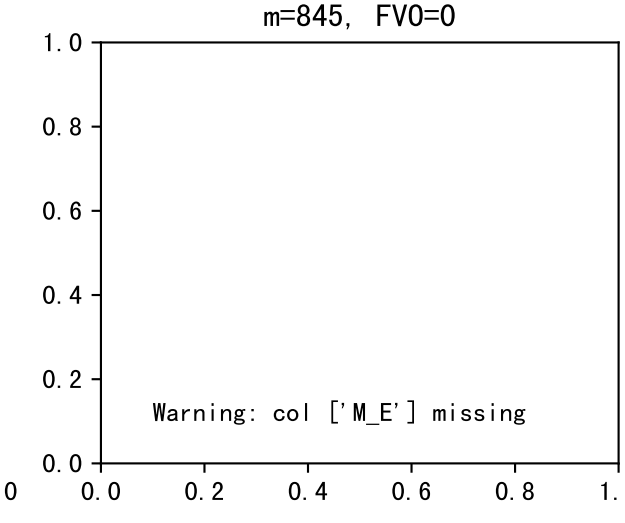

m=540,m FV0=0
Warning: col ['M_E'] missing

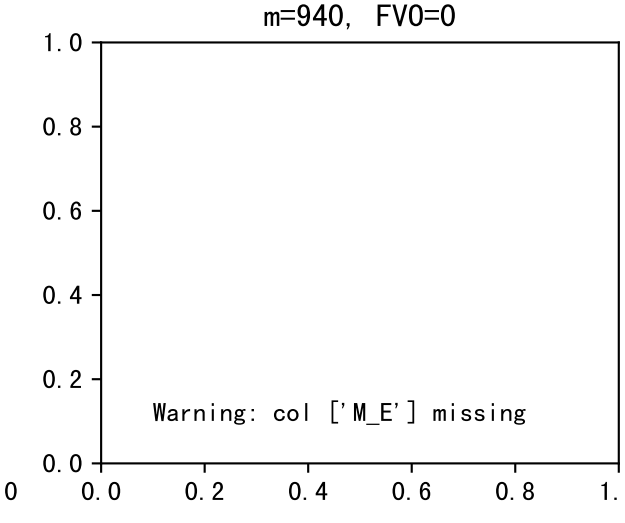

m=615,m FV0=0
Warning: col ['M_E'] missing


m=675,m FV0=0
Warning: col ['M_E'] missing


m=735, FV0=0
Warning: col ['M_E'] missing


m=785, FV0=0
Warning: col ['M_E'] missing


m=845, FV0=0
Warning: col ['M_E'] missing


m=940, FV0=0
Warning: col ['M_E'] missing